Queens College

Bulletin 1979·80

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Queens College admits students regardless of race, color, national and ethnic origin, or handicap to all the rights, privileges programs and activities generally accorded or made available to students at the college. It does not discriminate on the basis of race, color, national or ethnic origin, or handicap in administration of its educational policies, admissions policies, scholarship or loan programs, and athletic and other college administered programs.

Queens College
1900 Selwyn Avenue
Charlotte, North Carolina 28274
704/332-7121

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1979·80

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Queens College Calendar 1979-1980

Term I	**1979**
Sunday, August 26	Freshmen Arrive
Monday, Aug. 27-Tuesday, Aug. 28	Orientation
Wednesday, August 29	Registration
Thursday, August 30	Classes Begin
Friday, October 12 (Friday only)	Fall Break
Wednesday, October 17	Midterm
Wednesday, October 24	Last Day to Withdraw with a "W"
Friday, Oct. 26-Sunday, Oct. 28	Parents' Weekend
Thursday, Nov. 8-Saturday, Nov. 10	Fall Drama Production
Friday, November 16	5:00 P.M., Classes End for Thanksgiving
Sunday, November 25	3:00 P.M., Dorms Open
Monday, November 26	Classes Resume
Thursday, December 13	Classes End
Friday, December 14	Reading Day
Saturday, December 15	Final Exams Begin
Thursday, December 20	Final Exams End

Inter-Term	**1980**
Wednesday, January 2	3:00 P.M., Dorms Open
Thursday, January 3	Registration; Classes Begin
Friday, January 25	Classes End

Term II	
Monday, January 28	Registration
Tuesday, January 29	Classes Begin
Friday, Feb. 22-Sunday, Feb. 24	Dad's Weekend
Wednesday, March 12	Midterm
Wednesday, March 19	Last Day to Withdraw with a "W"
Friday, March 21	5:00 P.M., Spring Recess Begins
Sunday, March 30	3:00 P.M., Dorms Open
Monday, March 31	Classes Resume
Monday, April 7	Easter Monday Holiday
Thursday, Apr. 10-Saturday, Apr. 12	Spring Drama Production
Thursday, Apr. 17-Saturday, Apr. 19	The Acting Company Production
Friday, April 18-Sunday, April 20	Mom's Weekend
Friday, May 2-Sunday, May 4	May Day Weekend
Friday, May 9	Classes End
Saturday, May 10	Reading Day
Monday, May 12	Exams Begin
Friday, May 16	Exams End/Baccalaureate
Saturday, May 17	Graduation

MAY TERM—Monday, May 19-Friday, June 6
JUNE TERM—Monday, June 9-Friday, June 27

College Student Life Student Services

The College

Queens, a church-related liberal arts college for women, is located in Charlotte, North Carolina. Its programs are accredited by the Southern Association of Colleges and Schools.

The nuclear medical technology program is accredited by the American Medical Association Committee on Allied Health Education and Accreditation. The National Association of Schools of Music and the National Association for Music Therapy, Inc. have accredited the respective Queens College programs in music. Queens College is also approved for veterans' education.

History

Queens was founded in 1857 as the Charlotte Female Institute, then located on College Street near the center of the city. For five years after 1891 it was called the Seminary for Girls, and upon affiliation with the Presbyterian Synod of North Carolina in 1896, was known as the Presbyterian College for Women. In 1912, anticipating the move to its present campus in the Myers Park residential area in 1914, it became Queens College.

That name revived pre-Revolutionary traditions, for in 1771 a group of North Carolina colonists sought a royal charter for Queens College to be located in the town of Charlotte which was named for the British queen, Charlotte of Mecklenburg. George III refused the petition, doubting the wisdom of creating an institution to perpetuate non-conformist views favored by the Scotch-Irish Presbyterians who had settled in Piedmont Carolina. A school was chartered in 1773, however, under the unusual title of Queens Museum. During the Revolution it sympathized with the colonial cause and became known as the Liberty Hall Academy. The academy's post-Revolutionary history is sketchy, but in 1821 the Male and Female Academy Corporation was chartered to operate the Liberty Male Academy, the precursor of Davidson College, and the Charlotte Female Academy, the precursor of the Charlotte Female Institute.

In 1930, Queens became related to the Presbyterian Synod of South Carolina through a merger with Chicora College, Columbia, S. C. (formerly in Greenville). Since Chicora itself had earlier merged with the College for Women, Columbia, Queens continues the tradition of two South Carolina women's colleges. With the creation of the Synod of the Southeast in 1973, Queens' official church relationship was extended to include Presbyterians in Georgia as well as those in the Carolinas.

The Board of Trustees holds title to the property of the college and is responsible for Queens' total program. The 34-member board—composed of business, professional, religious, and alumnae leaders—is elected by the Synod of North Carolina (10 members), the Synod of the Southeast (8), trustees (12), and the Queens College Alumnae Association (4).

Presidents

Robert Burwell
1857-1872

Robert Hett Chapman
1872-1875

Stephen Taylor Martin
1875-1878

William Robert Atkinson
1878-1891

Lily W. Long
1891-1899

James R. Bridges
1899-1911

John Livy Caldwell
1911-1916

James R. Bridges
Acting, 1916-1917

Henry Clay Evans
1917-1918

William Anderson
Acting, 1918-1921

William Henry Frazer
1921-1939

Hunter Bryson Blakely
1939-1950

McAlister Carson
Acting, 1950-1951

Charlton Coney Jernigan
1951-1953

Herschell Hill Everett
Acting, 1953-1954

Edwin Ruthven Walker
1954-1965
Acting, 1965-1967

John Edwin Smylie
1967-1974

Alfred O. Canon
1974-1977

Billy O. Wireman
1978-Present

Statement of Philosophy And Mission

Queens College is a private, Presbyterian, liberal arts college for women. It is small by design and concentrates on preparing women within a distinctive and vital learning community to meet the challenge of academic and cultural excellence.

As a college for women, Queens advocates and works towards the preparation of women for varied and changing roles in society: career and professional opportunity, marriage and family, and civic and community leadership, within a framework that stresses the joy of liberal learning and the rigor of intellectual discipline. The college seeks to give a woman disciplined self-confidence and sound judgment and to encourage in her qualities of leadership and concern for others.

A fundamental commitment of the college is to help women learn how to learn. Queens recognizes the historical circumstances which make the present time especially opportune for the advancement of women and recognizes also that, for full liberation, women must be engaged in a serious, exciting learning experience which will develop the life and mind and the spirit in a vitalizing and scholarly way.

Learning to learn fosters an ability to read with insight, to write with precision and to speak with clarity. Each student is taught to be intellectually alive and curious and to employ, in a disciplined and creative way, the unique potential she possesses.

Each student learns to focus on productivity both for herself and her community. Initiative, industry and self-reliance are translated from self-awareness and personal growth into the awareness of the need to serve and a concern for others. Students are encouraged to learn not only the substance of their own culture but are also taught intercultural and international understanding. Thus, their sense of community is broadened to include a global perspective.

Each student should learn to care. Unapologetically and without any attempt to coerce or indoctrinate, the value background of Queens College is the Judaeo-Christian heritage. Underlying each aspect of college life is the encouragement and cultivation of sound moral and spiritual values. These values form the basis in which the liberal arts instruction is set as Queens seeks to combine caring teachers and enlightened academic and social policies into a learning community which knows the moral ends it seeks: a just, enlightened, humane society. Into this framework the college welcomes students of all faiths and beliefs.

Queens also recognizes that the tenor of student life is as significant a factor in student development as is an excellent academic program. Its smallness enables Queens to accentuate concern for the individual and to provide the personal and intellectual interaction, caring, fun and fellowship that are possible in such a setting. A sense of belonging and of college spirit results for faculty and students alike.

Thus, learning, caring and productivity come together into a life of meaningful wholeness. The mission of the college is to develop these aspects of mind and spirit in preparing a woman intellectually aware, academically competent, spiritually challenged and personally fulfilled for a successful future.

The members of the Queens community call on all who believe in these principles to join with them in the continuing development of the spirit and substance of this mission.

The Queens Concept

An outgrowth of the philosophy and mission of the college is the academic program and the integration of academic, cultural and student support services of the college. This program is called the Queens Concept. It focuses upon competence in the areas of reading, writing, speaking and mathematics; an understanding of native and non-native cultures; and value clarification. These aspects of the Queens Concept are achieved through the distributed requirements of the curriculum. It focuses also upon depth study in a major discipline, study in the leadership program, personal and career development arranged through the career center, and cultural experiences arranged through the academic program or by student affairs personnel.

Student Life

Queens College is aware that a major part of a student's education takes place outside the classroom in day-to-day living experiences and campus activities. Through group participation and interaction, the student comes to know herself as an individual, to realize her opportunities, and to be a creative member of the college community. To stimulate this process the college encourages student initiative and responsibility through student government, the honor system, organizations, and activities.

Honor Code

The Honor Code is one of the cherished possessions of Queens College and is of fundamental importance in the educational experience.

The Honor Code regulates all phases of college life and is binding on all members of the community.

The Code is based on three basic principles: (1) truthfulness at all times; (2) respect for the property of others; (3) honesty in tests, examinations, term papers and all other academic assignments.

When a member of the college community signs the Honor Code, it is an acceptance of the responsibilities of the honor system. This enables that member to enjoy the freedom and privilege of living in a community governed by mutual trust and respect.

Student Government Association

S.G.A. is a means for student self-government. It is organized around major concerns of campus life and provides students experience in planning and administering cultural, social, recreational and religious activities. Students also serve as voting members of some faculty standing committees.

Religious Life

Queens faculty and administration have made a religious commitment, which provides a climate and opportunity for growth and nourishment of lasting religious values. Students are given the opportunity to develop their own religious beliefs by voluntarily taking part in the weekly campus chapel services, fellowship, and retreats. The college chaplain is available to all members of the Queens College community as they seek spiritual understanding and growth.

Cultural Events

A student Cultural Events Committee plans a speakers series, a film series, and a concert series to be presented throughout the academic year. Also contributing to the cultural program are events such as dramatic productions, art exhibits, and recitals.

Social Activities

The Social Activities Committee sponsors ski trips, football weekends to area universities, dances, and recreational activities.

The Web is a comfortable lodge on campus, complete with kitchen, fireplace, T.V., and stereo. This is an ideal facility for small parties and dates.

The Hollow, a snack bar located in Jernigan Student Center, is also a setting for musical entertainment.

Four national social sororities—Alpha Delta Pi, Chi Omega, Kappa Delta, and Phi Mu—provide additional activities for their members.

Athletics

Queens offers intercollegiate athletic competition in two sports: volleyball in the fall; tennis in the spring. The college holds an active membership in North Carolina Association of Inter collegiate Athletics for Women (NCAIAW) and an associate membership in the national organization, AIAW. The volleyball team and the tennis team play full schedules against North Carolina and South Carolina schools. Athletes must fulfill NCAIAW and Queens eligibility requirements.

Recreation and Intramurals

Queens offers a varied program in recreation offering every student an opportunity to take part in a wide range of sports.

Ovens Gymnasium houses a large gym, a dance studio, and a swimming pool. In addition there are five tennis courts, three of which are lighted. The physical education department makes the facilities available to students on a regular basis through Rec Nights and Free Swims. Intramural teams compete against each other in swimming, volleyball, softball, table tennis, tennis, and basketball—with an occasional challenge from a faculty team.

Publications

Queens College has three periodicals published by the students. The *Coronet*, the Queens College yearbook, is published annually, and provides a pictorial and literary record of the year's events and activities. The *Queens Current*, the student newspaper on campus, is published regularly to keep the college informed of campus events and news, and to serve as a forum for an exchange of ideas among students, faculty, and administrators. The *Signet*, the college literary magazine, is published once a year, and illustrates the creative writing and visual artistry talents of the Queens community and the public.

Honoraries, Honors and Awards

Several organizations have been established at Queens to recognize high achievement both in scholarship and in campus leadership.

Delta Omicron is an international music fraternity for women who attain high scholarship in music and possess the potential for superior musicianship.

Student Marshals serve as ushers in academic processions at official college events. Marshals are selected each year following Term I on the basis of class rank from a list of eligible degree candidates who are taking a full-time course load.

Orb and Sceptre is a senior organization which recognizes those students who have shown outstanding leadership, scholarship, and service to the college community.

The Zetetic Society is an organization composed of faculty and students. Its purpose is to recognize high scholastic attainment for seniors and juniors and to encourage independent research.

Sigma Upsilon is a fraternity for writers. Members are selected from the junior and senior classes; the basis of selection is literary ability, interest, and active participation in writing.

Valkyrie is an organization of students from the sophomore class who have been selected because of outstanding leadership, citizenship, and scholarship exhibited during the freshman year.

Who's Who Among Students in American Universities and Colleges recognizes note-worthy student leaders on campuses throughout the country and registers them in a national collegiate publication. The students are selected on the basis of scholarship, leadership, citizenship, and cooperation in educational and extra-curricular activities, and the promise of future contributions to those areas.

In addition to membership in campus honoraries, there is a variety of honors and awards. Some of these are: the scholastic honors—the Dean's List and graduating with honors; the Charlotte Panhellenic Awards to an outstanding freshman, sophomore, junior and senior; creative writing awards; awards in other academic areas; and several athletic citations.

Since 1948 the New York Southern Society has granted to Queens College the privilege of bestowing two Algernon Sydney Sullivan Awards each year, one to an outstanding graduate and another honorary award to a person who has some association, official or otherwise, with the college.

The recipients of the award are elected by the faculty on the recommendation of the faculty committee on awards.

Mr. Sullivan, a distinguished lawyer and human spirit, and the first president of the Society, had such outstanding qualities of moral courage and personal inspiration that the Society created these awards to honor him and to commend others who might exemplify similar moral qualities.

The symbol of this award is an engraved copper plaque.

"This award is to be a continuing reminder that the noblest human qualities are those characteristics of heart, mind, and conduct which evince a love for and helpfulness to other men and women. True nobility is found in those who move beyond the narrow circle of their self-interest and spend themselves in the interest of mankind."

Student Services

Housing

Queens views on-campus living as an integral part of the educational experience. Students who are candidates for an undergraduate degree will live in residence unless: (1) they are residing with their parents or guardian; (2) they are married; (3) they have been granted special permission for other residence by the Director of Student Affairs.

There are four residence halls on campus, each with its own distinctive style. They range in size from housing 36 to 140 students and in style from traditional double rooms to suites.

All freshmen are assigned rooms and roommates by the Office of Student Affairs. Other students choose their rooms in an order determined by their non-refundable reservation fee and by lot.

The college insurance program is designed to provide protection for college property and does not include the property of students or others. It is suggested that students and their parents should review their insurance to be sure that coverage is extended to include personal effects while at college.

Health Services

The Irwin McKay Infirmary is staffed and equipped to provide outpatient and infirmary care. The ten bed infirmary is staffed by nurses 24 hours a day Monday-Friday, Terms I, II and January, except during vacations. The college physician holds office hours in the infirmary twice a week without charge.

All degree candidates enrolled in the college are entitled to health services during the terms in which they are enrolled. Students must complete and submit a medical history and physical examination form to the Director of Student Affairs prior to entrance. This history initiates the student's medical file and facilitates preventive medicine and emergency care.

A voluntary health insurance plan is available through the college. Information regarding this plan will be sent to each student.

The Queens Career Center

The Queens Career Center offers life/career counseling to Queens students and alumnae. Many women enter college unsure of their career talents and interests and the availability of jobs in particular fields. Through individual and group counseling, occupational testing, and topical seminars, the

Queens Career Center staff assists students in assessing their values, abilities and interests. Students are encouraged to learn decision-making skills and to set goals, moving them toward a rewarding and satisfying future. The staff is comprised of professional counselors with expertise in the counseling of college women.

A vital part of the Queens Career Center is the Career Resource Center containing up-to-date career information, as well as information on graduate schools, scholarships, opportunities in business, government and education, and summer and part-time employment.

The placement office in the Queens Career Center is particularly interested in helping seniors plan an effective job campaign and in finding rewarding job opportunities. Each senior is encouraged to complete a permanent file containing a résumé and letters of recommendation. Upon request, a copy of the file is sent to graduate schools and prospective employers. A staff member visits prospective employers for information on possible job openings and encourages representatives from schools and businesses to interview on campus. Throughout the academic year, seminars are held for seniors on résumé preparation, interviewing and planning the job search.

Students are encouraged to take advantage of the services of the Queens Career Center from the freshman year through the senior year.

New Dimensions Program

New Dimensions is a program of support services designed specifically for the student who is 24 years of age and older. Designed to ease the transition between lifestyles, New Dimensions provides academic and career counseling, orientations each term, mini-seminars featuring topics of interest to the adult woman: child care, financial aid possibilities, peer counseling, alumnae career resource persons, and personal development opportunities. New Dimensions is housed in the Queens Career Center in Jernigan Hall with office hours 8:30 to 5:00 weekdays.

Admissions Costs Financial Aid

Admissions

Queens College admits students regardless of race, color, national and ethnic origin, or handicap to all rights, privileges, programs and activities generally accorded or made available to students at the college. It does not discriminate on the basis of race, color, national or ethnic origin, or handicap in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other college administered programs.

For Freshmen

Students applying to Queens should follow a college preparatory program in high school. Four years of English, two years of mathematics, two years of a foreign language, two years of social science, and one year of a laboratory science are considered basic preparation.

In evaluating an application, the office of admissions considers the applicant's high school record, especially the quality and amount of college preparatory work; recommendations from the secondary school; College Entrance Examination Board test scores (SAT) or The American College Testing Program (ACT); and the student's own stated objectives. A personal visit to campus is the best way for a student to discover Queens. A campus interview is strongly recommended.

All applicants who have taken Spanish or French in secondary school and who wish to continue study in that particular language at Queens should take a language achievement test for purposes of placement. Students who do not take the CEEB language achievement tests may take a language placement test after enrollment at the College. SAT, ACT and Achievement applications and information about testing dates may be obtained from secondary school counselors or from CEEB, Box 592, Princeton, N.J., 08540. *Queens' CEEB code number is 5560.* ACT applications and information about testing dates may also be obtained from secondary school counselors or from ACT Records, P.O. Box 451, Iowa City, Iowa 52240. *Queens College ACT code number is 3148*

For Transfers

Queens welcomes transfer students from other accredited colleges and universities. Applicants must request their own transcripts from each institution attended to be forwarded to the Office of Admissions. For courses completed at other accredited institutions, credit usually will be transferred if the grade earned is C or better. Credits over 10 years old must be submitted for approval to the Student Qualifications Committee following the successful completion of six credit hours at Queens. Courses transferred from two-year institutions are classified as either 100- or 200-level courses.

For Readmissions

A degree candidate who has withdrawn in good standing, and who wishes to return to Queens may apply for readmission by submitting an application. Transcripts of all work attempted at other institutions must be sent to the Office of Admissions.

For Special Students

Students who are not candidates for degrees but who wish to enroll for credit may apply as special students. Generally, special students who do not hold a bachelor's degree are limited to a cumulative total of 15 credit hours. Anyone holding a bachelor's degree is allowed the privilege of unlimited credit. The availability of space may limit enrollment in some courses. Special students must maintain a C average to continue their enrollment.

Persons interested in teacher certification who have already earned a bachelor's degree are admitted as special students. They should consult with the Director of Admissions regarding admission and are expected to complete twelve credits successfully at Queens before undertaking student teaching.

For Summer School

Students interested in attending summer school at Queens should contact the Dean of the College for further information.

For Advanced Placement

Students who have completed college level work in their secondary schools should take the appropriate Advanced Placement (AP) test administered by the CEEB. Queens grants advanced placement and course credit automatically if the student scores either four or five on such tests. Advanced placement is also granted for a score of three, but decisions on the amount of credit to be awarded are made by the Dean of the College in consultation with the department in which credit is granted. Advanced placement in English is given for literature courses only.

Advanced placement in biology, chemistry, foreign language and music is determined also by acceptable achievement on examinations taken at Queens at the beginning of the fall term.

Queens also awards credit and advanced placement to students who score satisfactorily on approved subject level tests of the College Level Examination Program (CLEP). Credit will not be granted if it duplicates credit already earned. Neither grades nor quality points will be awarded, nor may CLEP credits satisfy the final 30 hours required for graduation from Queens. A recording fee of $10 for the first course and $5 for each additional course accepted will be charged. Students who wish further information about CLEP should write to the Dean of the College.

For Accelerated Admissions

Students with superior records are encouraged to apply for admission during their junior year in high school. They must submit transcripts, recommendations, and SAT scores or ACT scores and should schedule a conference with an admissions counselor. In some states local school authorities will grant a high school diploma after a year of college work; any such agreement is the responsibility of the student and the local authorities. A student may also obtain a high school equivalency certificate by examination.

For the student who has made plans for graduate school or professional study, accelerated admissions is one way of shortening the time before she can begin her career.

For Dual Enrollment

Any student who is a junior or senior in a Charlotte-Mecklenburg area secondary school may enroll for courses at Queens during any term when recommended by the secondary school. Credit earned under the dual enrollment program may be used at Queens or another institution as college credit when the student enrolls as a degree candidate.

For Campus Visits

Prospective students and their families are urged to visit Queens. They are welcome at any time but will find visits more interesting if scheduled when the college is in session. The Office of Admissions is open from 8:30 a.m. to 5:00 p.m. on weekdays throughout the year and until noon on Saturdays by appointment.

Each year a series of special overnight campus visitations is scheduled for prospective students. Interested students should write to the Office of Admissions for details of these programs.

In Summary

While there are no deadlines for applications, prospective freshmen should apply for admission early in the senior year of high school. Application forms should be obtained from the Office of Admissions and should be returned with a non-refundable $15 application fee. Special students submit a $5 non-refundable application fee. Upon receipt of the completed application, the student should request her transcripts and recommendations from the secondary school to be sent to the Office of Admissions. Transfer students must request transcripts from each college attended.

The Office of Admissions will act on an application as soon as all information has been received. Accepted students are requested to mail a deposit of $150.00 to accept the Queens offer of admission within 30 days of notification. The $150.00 deposit is refundable until May 1.

Costs

While the Board of Trustees reserves the right to adjust the fee schedules at Queens at any time, the following basic fees have been established for 1979-80.

(Comprehensive fees cover the three terms in the academic year.)

Resident Student Comprehensive Fee for 1979-80	$4,125.00

Includes tuition, infirmary, student activity fee and other services, and double room dormitory accommodations for regular full-time students registered for twelve or more credit hours each in Terms I and II, and for three hours in January Term.

Commuting Student Comprehensive Fee for 1979-80	$3,175.00

Includes tuition, infirmary, student activity fee and other services for regular full-time commuting students registered for twelve or more hours in Terms I and II, and for three hours in January Term.

Note: *For information concerning the $475 Legislative Tuition Grant, North Carolina students should refer to North Carolina Programs under Financial Aid.*

Queens offers three meal plans for the convenience of its students. Resident students are required without exception to take one of the meal plans offered. The costs of the meal plans are:

	Terms I and II Annual Rate
Plan I (21 meals per week)	$840.00
Plan II (15 meals per week)	$790.00
Plan III (10 meals per week)	$760.00
	January Term
Plan I (21 meals per week)	$105.00

Meal plans II and III include any 15 or 10 of the 21 meals offered during the week. At registration each term, resident students will select and pay for the meal plan they prefer since payment for meals is not included in the deferred payment schedule. Meal tickets will be issued. One half of the annual meal plan is payable August 15, 1979, and one half on January 1, 1980. January Term meal plan is payable in full on January 1, 1980. The 21 meal plan is the only plan offered in January Term. The choice of meal plans may be changed only at the beginning of a term.

Part-Time Fees

Part-time students taking eleven or less credit hours pay tuition at $132.50 per credit hour.

Auditing Fee

The auditing fee is $52.50 per credit hour.

Fees for Attending One Term

Students registering for only Term I or Term II are charged fees for that term only. January Term fees are included in the fees for Term I or Term II.

Special Fees

For certain services the college charges additional fees.

Non-refundable Application Fee for Degree Candidates	$ 15.00
Non-refundable Application Fee for Non-Degree Candidates	5.00
Late Registration Fee	15.00
Transcript Fee	2.00
Single Resident Hall Room Accommodation (per year)*	200.00
Refundable Room Damage Deposit (resident students only; to be paid with reservation fee)**	50.00
Parking Permit	5.00
Identification Card Replacement	2.00

Course Fees for Terms I and II

Art Supply Fees	$20.00-35.00
Student Teaching	40.00
Physical Education	
Bowling	approximately 20.00
Golf	approximately 12.00
Horseback Riding	110.00

All physical education fees are subject to change as activity costs change.

Applied Music (Course Fees for Term I, January Term, or Term II)

*Full-Time and Part-Time College Students****

Weekly, half-hour private music lesson	$ 50.00
Additional weekly, half-hour private music lesson in the same or a different applied area	35.00
Practice studio rental	8.00
Instrument rental	8.00
Organ practice	15.00

Non-Credit Students Other than Music 170, 180

Weekly, half-hour private music lesson	$112.00
Additional weekly, half-hour private music lesson in the same or a different applied area	112.00
Practice studio rental	20.00
Instrument rental	20.00
Organ practice	25.00

All fees are subject to change.

**Complete details of single room policies, whether student is in single room by choice or by reason of roommate departure, are available in Business Office and Office of Student Affairs.*

***Refundable with interest (less damages) when student moves from dormitory.*

****Part-time college students will have the usual additional tuition charges added.*

Queens Conservatory Music Fees

A separate fee schedule for the (non-college) conservatory applied music program may be obtained from the music department.

Other Expenses

The cost of books and supplies varies with courses taken, but the average expense is $175.00 per year.

Non-college expenses such as travel, clothing, entertainment, and incidentals vary according to individual student needs. Students joining sororities will have additional costs for initiation, dues, and special assessments.

Laundry is not included in the general fee.

In matters of health care, the student is responsible for paying any fees for special visits, consultations, special medicines, and hospitalizations. For those occasions when emergency room care or hospitalizations are required, arrangements have been made to bill the charges for services to the college, which in turn will bill the student. Claims for insurance coverage should be filed by the student or her parent directly with their insurance company.

Reservation Fee

The April 1 reservation fee is nonrefundable after May 1, 1979. Resident students pay $150.00 as reservation fee on April 1. This payment entitles resident student to reserve a room and complete pre-registration for the coming term. Commuting students pay $50.00 reservation deposit on April 1 entitling them to complete pre-registration for Term I.

January Term

January Term tuition for full-time degree candidates is included in the charges for Term I and/or Term II.

Part-time students, whether degree or special, who register for a total of 12 credit hours during Term I and Term II of an academic year are entitled to register for January Term of that academic year at no additional cost.

Part-time students, whether degree or special, who take less than a total of 12 credit hours during Term I and Term II of an academic year must pay for that year's January Term course work at the following rates: $132.50 per academic credit hour; $397.50 per January Term unit.

Regulations Regarding Payment

Upon signing the application for admission, the parent or guardian, or the applicant if not a dependent, accepts as binding and contractual all fees and regulations set forth in the catalogue.

1. A student is not permitted to attend classes until satisfactory arrangements have been made to meet all financial obligations. Where a note is offered, it is accepted with the understanding that the account is not considered settled until the note is paid.

2. No discount or scholarship award may be applied against the $150.00 reservation fee, that is, the initial deposit due on April 1.

3. Diplomas, certificates, grades and transcripts are granted only when the student's accounts have been paid in full.

The college year is a financial as well as an educational unit. Commitments to faculty and other arrangements for maintaining the college are made for the entire year in advance.

1. No reduction or refund of the tuition, room rent, meal charges and special fees can be made after classes begin.

2. If a student has attended one class, refund is no longer possible.

3. Exception to the above statements is described in the following section titled withdrawal for illness.

Withdrawal for Illness

Students who withdraw from the college during the academic year as a result of illness will have tuition, room rent, meal charges and special fees prorated as of the date of withdrawal provided the physician recommends withdrawal in a letter to the Dean of the College.

Withdrawal for Academic Ineligibility

A refund will be made in the case of a student determined academically ineligible to return by the Student Qualifications Committee of the college. Such decisions are made at the end of each term. Students who have made payments or who have a credit balance towards the next term and are declared academically ineligible to return that next term will receive a refund.

Withdrawal—Other Reasons

1. Students who withdraw from the college during the academic year on their own initiative will be charged for the full term during which they withdraw.
2. Students suspended by the college, in effect withdrawing from the college for other than academic reasons, are responsible for paying fees for the full term in which the withdrawal occurred.

Withdrawal—Financial Aid Policy

If a student due a refund after withdrawal has received financial aid, the refund must be apportioned among the various sources of funding which were used to pay the charges originally. The amount to be restored to each source of aid shall bear the same ratio to the amount of the refund as that source already disbursed (i.e. loan, grant, scholarship, etc.) bears to the total cost. The total cost is determined by the institution and is the average amount required for a student to attend a particular program at Queens.

Withdrawal—Academic Regulations

For further information regarding the withdrawal procedure, see the section on "Withdrawal from the College" in the academic regulations section of this bulletin.

Payment Schedule

The following payment schedule is applicable for 1979-80. The reservation deposit is applied to the comprehensive fee.

Table #1–Meal Plan #1
21 Meals Per Week

Date Due	*Apr. 1*	*Aug. 15*
Tuition	$150.00	$1,512.50
Room		475.00
Meals		420.00
Meals–Jan.		
Health Ins.		37.00
TOTAL	$150.00	$2,444.50

	Jan. 1	*Total*
Tuition	$1,512.50	$3,175.00
Room	475.00	950.00
Meals	420.00	840.00
Meals–Jan.	105.00	105.00
Health Ins.		37.00
TOTAL	$2,512.50	$5,107.00

Table #2–Meal Plan #2
15 Meals Per Week

Date Due	*Apr. 1*	*Aug. 15*
Tuition	$150.00	$1,512.50
Room		475.00
Meals		395.00
Meals–Jan.		
Health Ins.		37.00
TOTAL	$150.00	$2,419.50

	Jan. 1	*Total*
Tuition	$1,512.50	$3,175.00
Room	475.00	950.00
Meals	395.00	790.00
Meals–Jan.	105.00	105.00
Health Ins.		37.00
TOTAL	$2,487.50	$5,057.00

Table #3—Meal Plan #3
10 Meals Per Week

Date Due	*Apr. 1*	*Aug. 15*
Tuition	$150.00	$1,512.50
Room		475.00
Meals		380.00
Meals—Jan.		
Health Ins.		37.00
TOTAL	$150.00	$2,404.50

	Jan. 1	*Total*
Tuition	$1,512.50	$3,175.00
Room	475.00	950.00
Meals	380.00	760.00
Meals—Jan.	105.00	105.00
Health Ins.		37.00
TOTAL	$2,472.50	$5,027.00

Table #4—Commuting Students

Date Due	*Apr. 1*	*Aug. 15*
Tuition	$ 50.00	$1,562.50
Health Ins.		37.00
TOTAL	$ 50.00	$1,599.50

	Jan. 1	*Total*
Tuition	$1,562.50	$3,175.00
Health Ins.		37.00
TOTAL	$1,562.50	$3,212.00

1. The April 1 reservation fee is non-refundable after May 1, 1979. Resident students pay $150.00 as reservation fee on April 1. Payment entitles resident student to reserve a room and complete fall term pre-registration. Commuting students pay $50.00 reservation deposit on April 1, entitling them to complete pre-registration for fall term.

2. All students are included in the group health and accident insurance plan except those who specifically request in writing to be excluded. You may request an exemption by signing the exemption request form contained in the folder describing the health and accident insurance program.
All requests for exemption must be filed with the Business Office by August 25, 1979.

3. The January meal charge is applicable only to those students enrolled for the January Term.
The College will offer only the 21 meal plan during January.

Room Damage Deposits

New resident students are required to make a $50 Room Damage Deposit in addition to the $150 reservation deposit. This deposit will be refunded with interest, less the cost of any damages, after the student is no longer a resident.

Deferred Payments

As a convenience to parents, Queens has arranged with The Tuition Plan, Inc., Concord, New Hampshire and Insured Tuition Plan, Boston, Massachusetts, to handle requests for deferred payments through their programs. Information on the above plans may be obtained from the Business Office.

Queens College offers a deferred payment plan whereby the payments due on August 15 may be made in four installments payable on the 15th of July, August, September and October; and the payments due on January 1 may be made in four installments payable on the 15th of December, January February and March.

There is an additional charge of $25 per year for the Queens College deferred payment plan and a $5 payment fee for each late payment. Date of payment will be determined by date of postmark or date of receipt if delivered in person.

Applications for the Queens College deferred payment plan must be in writing, and must be received by the Business Office with the $25 processing fee by June 15, 1979.

Credits for Financial Aid

Credits for Financial Aid and/or the North Carolina Legislative Tuition Grants are divided equally between the fall and spring terms. Students who desire to apply their work study earnings to their account may make arrangements with the Business Office.

Questions concerning financial aid should be directed to the Director of Financial Aid.

Student Health Insurance

All students are included in the group health and accident insurance plan except those who specifically request in writing to be excluded. You may request an exemption by signing the exemption request form contained in the folder describing the health and accident insurance program.

All requests for exemption must be filed with the Business Office by August 25, 1979.

Financial Aid

Queens realizes that as a private institution which places quality of the educational experience above other considerations, the cost of attending Queens becomes a matter of overriding importance for many families. Applicants should not hesitate to apply for financial assistance. Queens College has in the past been able to meet the demonstrated need with a financial aid package and welcomes the opportunity to work with students and their parents. Although most awards are based on financial need, some aid is awarded without regard to need. These awards are based on the academic and leadership merits of applicants and are awarded to students whether or not they have demonstrated need.

Students are expected to be enrolled full time, and students enrolled less than one-half time are not eligible for student financial aid.

Supplemental Educational Opportunity Grants (SEOG) are available on an annual basis to undergraduate students with exceptional need. These grants range from $200 to $1,500 and may be renewed from year to year but may not exceed $4,000 during four years. Grants in any one year may not exceed half of the student's total assistance program.

The College Work Study (CWS) program assists qualified students to meet educational expenses through employment on campus during the academic year at a specified hourly rate. Eligibility for this program depends upon financial need and evidence of academic or creative promise.

The National Direct Student Loan (NDSL) program permits students with established need to borrow as much as $2,500 during their freshman and sophomore years, and up to a total of $5,000 during their undergraduate programs. These loans bear a three percent annual interest rate during repayment. Repayment begins nine months after the borrower ceases to be at least a half-time student and may extend over a period of 10 years. If the borrower enters certain public-service occupations, the loan may be canceled.

The amount of funds available to Queens students under SEOG, CWS, and NDSL programs is determined by allocations made to the college each year by the Department of Health, Education and Welfare which are dependent upon the amount of funding students are eligible for under the guidelines of these programs.

The Guaranteed Loan program permits students upon recommendation of the college, to borrow from a bank or other financial institution—with a federal government guarantee of repayment—as much as $2,500 a year with a $7,500 maximum for undergraduates. Terms for these loans and of guaranteed interest arrangements may be obtained from participating banks or agencies in the state where the student resides. The college will advise the student in this process.

North Carolina Programs

The North Carolina Scholarship Program is provided to Queens College by an act of the North Carolina General Assembly. Scholarships are available to full-time undergraduate students who are legal residents of North Carolina. This fund assists qualified students who demonstrate need.

North Carolina Legislative Tuition Grants in the amount of $475 per academic year are available to North Carolina residents enrolled for twelve credit hours per term.

North Carolina offers one grant and two loan programs through College Foundation, Inc. of Raleigh, North Carolina.

The *North Carolina Student Incentive Grant Program* (NCSIG) provides grants up to $1,500 per academic year for eligible students who are North Carolina residents. Recipients must be full time students and demonstrate substantial financial need. The NCSIG Program will use the analysis of the College Scholarship Service (the Financial Aid Form) to determine need, and this document should be filed before March 31. Applicants who appear to be eligible will be asked to submit a supplemental form to the College Foundation, which makes all NCSIG awards.

The North Carolina Insured Student Loan Program permits state residents enrolled as full-time students to borrow through the College Foundation, Inc., up to $2,500 per academic year for an aggregate of $15,000 (including undergraduate and graduate study) at seven percent annual interest. Loans are insured and under certain conditions the Office of Education pays the interest on these loans during the in-school and grace periods.

The Basic Educational Opportuni Grant Program (BEOG) makes funds available to eligible students for grants up to $1,800 per academic year. A student may use the College Scholarship Servic Financial Aid Form (FAF) to apply for a Basic Grant. Within 6 weeks of submitting the form, the student will receive a Student Eligibility Report notifying her as to whether she is eligible. She must then submit the notification to Queens' Director of Financial Aid who, within the guidelines of the BEOG Program, will determine the amount of grant funds for which the student is eligible.

The James E. and Mary Z. Bryan Foundation Student Loan Plan permits North Carolinians enrolled in full-time undergraduate programs to borrow, through College Foundation, Inc., as much as $1,50 per school year for a four-year total of $7,500. The interest rate is one percent annually during the in-school and grade periods and six percent annually during the repayment period. Students may apply for a Bryan Foundation Loan without submitting a parents' confidential statement. Application forms may be obtained from Colleg Foundation, Inc.

College Programs

Departmental Scholarships are available to a limited number of freshmen and upperclassmen with outstanding achievement in specialized areas. These scholarships are currently available in the departments of biology, chemistry, and music.

Presidential Scholarships

Queens College offers up to 10 Presidential Scholarships each year. These are full scholarships covering room and tuition at Queens, each one totaling more than $16,000 for the four-year program. The Presidential Scholarships are based strictly on merit. Financial need is not a factor.

Applicants should rank in the top 10% of their high school class, have College Board SAT scores of 1200 or more and have demonstrated intellectual ability in the pursuit of some subject of interest. Consideration may also be given to nvolvement in church or school activities, leadership and influence with peers, and exceptional talent or interest in a particular field of activity.

The Presidential Scholarships are funded through the generous donations made by Lucille Finch Jones, Queens alumnae, and NCNB Corporation.

Queens Scholar Awards are available annually to new students who have exhibited outstanding records n scholarship and leadership. The amounts of these awards vary and hey are renewable based on academic performance.

Carol G. Belk Scholarship Awards are available annually to outstandng new students. Recipients are chosen on the basis of their leaderhip records in school and community, academic ability, and potential for continuing leadership at Queens. The amounts of these awards may vary, but each is enewable based on the student's academic performance.

Dana Scholarships are awarded nnually to students in each of the ophomore, junior, and senior lasses. The student must maintain utstanding records for scholarship nd leadership. The scholars receive $200 honorarium. The financial need of a Dana scholar is always met. Recipients are chosen by the aculty Honors Committee.

National Merit Scholarships are offered each year to National Merit finalists who desire to attend Queens.

Tuition Remission

Tuition remission is available to any full-time student who is the dependent of an active minister. Dependents of active ministers of the Presbyterian Church, U.S., Synods of North Carolina and the Southeast, will receive a $600 tuition remission. Dependents of active ministers in all other synods of the Presbyterian Church, U.S. will receive a $400 tuition remission. Dependents of active ministers of all other faiths will receive a tuition remission of $200.

To Apply

To apply for financial assistance students must have been admitted to Queens as degree candidates and must complete and submit two application forms:

1. The Queens College Application for Financial Aid to be submitted to the Director of Financial Aid, Queens College, Charlotte, North Carolina 28274.

2. The Financial Aid Form (FAF) to be submitted to the College Scholarship Service, Box 2700, Princeton, New Jersey 08541. The student should list Queens College, Charlotte, North Carolina, CSS code 5560, as the institution to receive the report. (NCSIG applicants should also list N. C. Student Incentive Grant Programs, CSS code 0742.)

All forms are available from Queens' Office of Financial Aid.

The Financial Aid Form may also be obtained from high school guidance counselors.

Applications for financial aid for 1980-81 should be submitted by entering students as soon as possible during the senior year. Notification of action by the college will be sent after Queens receives an evaluation of the applicant's need from the College Scholarship Service.

Financial Aid Policies

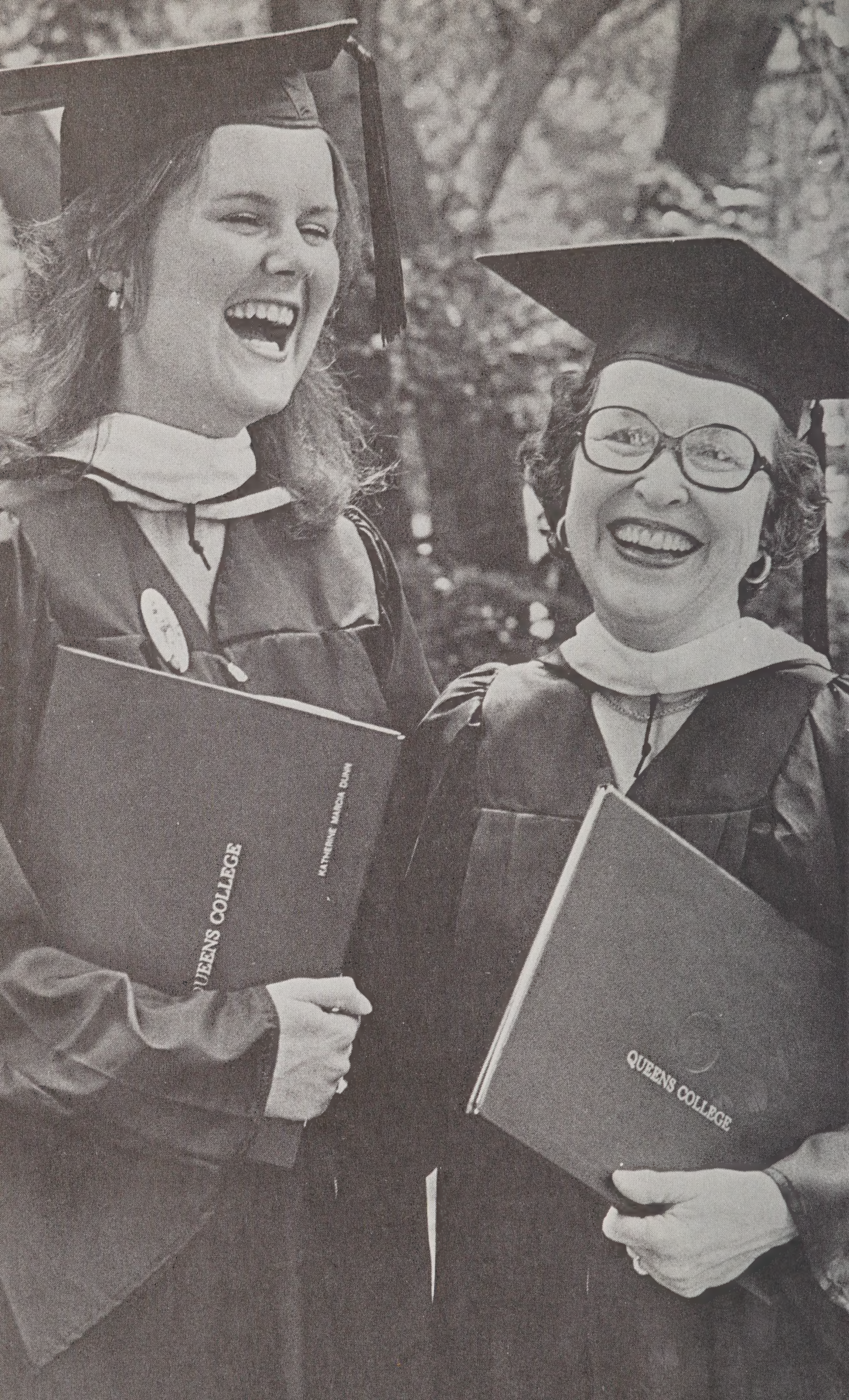
Most financial aid programs are renewable throughout undergraduate years if the recipient demonstrates satisfactory progress toward graduation, but renewal of aid is not automatic. The Student Qualifications Committee evaluates the progress of students at Queens and determines whether the student is maintaining satisfactory progress and is eligible to continue at Queens. If a student is dismissed from the college for academic reasons, she will, of course, forfeit her financial aid.

Renewal of aid is not automatic. Rising sophomores, juniors, and seniors must reapply to the financial aid office for assistance each year. The amount offered in grants, loans and work study funds also may vary from year to year.

Financial aid recipients who withdraw during the school year will have their aid prorated according to the regulations governing withdrawal.

Students receiving aid under certain programs are expected to assume weekly work assignments at the college. Assignments are determined by the amount of aid received and the student's particular interests and skills.

Queens reserves the right to review and modify an offer of financial aid should the recipient receive aid from other sources after the Queens program has been offered.


KATHERINE MARCIA DUNN
QUEENS COLLEGE
QUEENS COLLEGE

The Academic Program

Degree Requirements

Degree Programs

Queens College offers four degree programs: the Bachelor of Arts, the Bachelor of Science, the Bachelor of Music and the Bachelor of General Studies.

Majors within the Bachelor of Arts include American studies, art, biochemistry, biology, business, business/foreign language, early childhood education, English, European studies, French, history, Latin-American studies, mathematics, music, political science, public administration, psychology, religious education, sociology, and Spanish.

Majors within the Bachelor of Science include biochemistry, biology, medical technology, nuclear medical technology, and radiologic technology.

The Bachelor of Music degree offers majors in applied music (piano, voice, organ, strings, or other instruments), in music education, music therapy, piano pedagogy, and sacred music.

The Bachelor of General Studies is a flexible program in which the student selects an area of emphasis and a sequence of elective courses to fit her own particular needs and circumstances. The area of emphasis may or may not be one of the specific majors offered in the other degree programs.

A student may pursue only one degree at a time.

Degree Requirements

Required for a degree is a minimum of 122 credit hours with a cumulative quality point average of 2.000 in all work taken at Queens College and in all work in the major. Two, but no more than two, credit hours of the minimum 122 must be earned in physical education. Also required are two Inter-Term units of credit. At least 36 credit hours must be in courses of 300 level or higher. Every degree candidate must complete at least 60 hours of her academic program at Queens College and must spend her last 30 hours at Queens College or in a Queens approved program.

Though the college makes every effort to counsel the student in planning a program and selecting courses of study, the student is finally responsible for fulfilling all requirements for a degree.

Educational Program

The educational program leading to a degree is composed of five interrelated parts: a major program; a program of distributed requirements; a program of elective hours which may include the choice of one or two minor programs; a program of physical education; and a January Term program.

Major Program

The purpose of a major is twofold: to give the student the opportunity to go far enough into a field to achieve some mastery of it; and to enable her to acquire knowledge, skills, and attitudes which may help make her effective in her vocation. Working with her advisor, the student will plan her major in one of three categories: departmental, interdepartmental, or self-structured.

The self-structured major is planned by the student in consultation with a major advisor and an advisory committee of two other faculty members from the principal disciplines which constitute the student's fields of interest. If a student is seeking a self-structured major in intermediate education, she will work closely with an advisor in her specialty area as well as with one in the education department. The individually structured major might include courses in two or more departments, work taken at other colleges, internships off campus, and credit earned through the College Level Examination Program. It offers the student an opportunity to tailor an academic program to meet particular intellectual interests and vocational objectives. The student is expected to show independence and responsibility in planning such a major program.

The self-structured major shall consist of a minimum of 30 hours in the major with a minimum of 12 hours at the 300-400 level in the one primary department of the major. Self-structured major programs must include Interdisciplinary Senior Thesis 450, unless the major is in intermediate education. Self-structured majors in intermediate education must include at least 12 hours in 300-400 level courses in at least one academic area other than education.

Minor Program

If a student chooses, she may include one or two minors in her undergraduate program. The minor shall consist of a minimum of 16 hours in a department other than her major. The minor may be taken in any program so designated in the catalogue. Minor programs must be approved by the faculty advisor and the department concerned.

Bachelor of Arts

A major for the Bachelor of Arts degree shall consist of no fewer than 30 credit hours. No more than 40 hours in the major department shall be required for a major. A student may, however, at her own initiative take more than 40 hours in her major department. Specific requirements in areas of the major are stated in each department heading in the course descriptions.

Bachelor of Science

A major for the Bachelor of Scienc degree in the areas of biology or biological chemistry shall consist o no fewer than 32 credit hours. Language proficiency of the intermediate level is also required for the Bachelor of Science degree in these areas. Specific requirements for each of the major programs are stated in the department heading in the course descriptions. Credits earned at non-academic institutions may be used toward B.S degrees with majors in allied healt areas only. All radiologic technolog majors must complete the last 30 hours of credit at Queens College A B.S. in Nuclear Medical Technology is available. This program i accredited by American Medical Association Committee on Allied Health Education and Accreditatio An Associate of Science in nuclear medical technology is available. Information concerning the progra is available from the Division of Natural Science and Mathematics.

Major in Medical Technology

A major in medical technology w be granted upon successful comple tion of 92 credit hours of approve college work and certification in medical laboratory technology fro any hospital accredited by the American Society of Clinical Pathology and approved by the college. In order to enter an A.S.C. approved school, minimum require ments must be met: at least 92 credit hours of college work giving a comprehensive general education and including English, social sciences, art, and humanities. In additon the minimum science and mathematics requirements are: 16 credit hours of chemistry, 16 credit hours of biology, and three credit hours of mathematics. All Queens College degree requirements must be met. A minimum of 36 hours in courses numbered 300 and above is required. Thirty credit hours are assigned to courses carried in the school of medical technology; these constitute the major. All of these 30 credit hours shall be considered equivalent to 300-400 level courses.

Major in Radiologic Technology

A major in radiologic technology will be granted upon successful completion of 92 credit hours of approved college work and certification in radiologic technology from any hospital school accredited by the American Registry of Radiologic Technologists and approved by the college.

All Queens College degree requirements must be met. A minimum of 36 hours in courses numbered 300 and above is required. Thirty credit hours are assigned to professional courses carried in the school of radiologic technology; these constitute the major. All of these 30 credit hours shall be considered equivalent to 300-400 level courses. A student may not be admitted to candidacy for this degree until certfied by the American Registry of Radiologic Technologists.

Bachelor of Music

In the Bachelor of Music program, the major consists of no less than 73 hours in music under the applied music major; no less than 70 hours in music under the piano pedagogy major; under the music education major at least 50 credit hours are in music courses with no less than 14 credit hours of work in an applied major performance area and four credit hours of work in an applied minor performance area. Music therapy requires no less than 60 hours in music and 12 hours in music therapy courses. Sacred music requires from 68 to 78 hours in music.

Bachelor of General Studies

The Bachelor of General Studies is a degree for the adult student, age 24 and older. It is a flexible program, designed to allow a student to structure a course of study to fit her own particular needs and circumstances. The degree requires 122 credit hours, with at least 36 on the 300 or 400 level, and includes 30 hours in an area of emphasis and a three hour Introduction to General Studies Seminar. Two of the 122 minimum credit hours must be in physical education. The B.G.S. degree does not require the Inter-Term units of credit.

The individual emphasis is designed to meet the student's personal educational objectives. Upon entering the program, the student will, with her advisor's guidance, plan the appropriate course of study.

The area of emphasis may or may not be one of the specific majors offered in other degree programs. The elective hours chosen in consultation with the student's advisor will be determined by the individual emphasis. The residence requirements remain the same as for any other degree program.

A central feature of the Bachelor of General Studies program is the close interaction of the student with an advisor who helps her plan a program of study as well as evaluate her progress from time to time.

The Bachelor of General Studies is a degree program which offers excellent career preparation and options for the older adult wishing to obtain a college degree. Specific information on this degree is available from the Admissions Office.

Pre-Professional Programs

In combination with individual major programs available at Queens, students may elect to structure a program of study which leads to pre-professional preparation in various fields. For instance, courses of study are available to students wishing to pursue professions in the area of dentistry, law, medicine, music therapy, nursing, physical therapy, social work, and teaching.

Medicine, Dentistry, and Physical Therapy

It is recognized by leading medical educators that a genuine liberal arts curriculum provides the most suitable undergraduate premedical, predental, prephysical therapy, and pre-veterinary medicine background. Completion of the courses required of all students at Queens College provides desired breadth of training and intellectual skills.

It may be helpful for these students to acquaint themselves with the specific requirements for the schools to which they expect to apply for admission.

Full information concerning any aspect of these programs may be obtained from the Queens Career Center.

Law

Queens College affords students an opportunity to develop a pre-law course of study, although it does not offer a pre-law major. Law schools do not require nor recommend specific courses or majors. They do recommend, however, that students examine a variety of subjects or ideas that would lead to an understanding of the broad political, economic, social, and cultural forces which affect our body of laws and the society which it orders. Law schools also recommend that students work toward developing their skills of analysis and communication. While the majority of students admitted to law schools have selected political science, history, English, or economics as undergraduate majors, virtually all undergraduate majors have been represented.

Admission requirement for law school generally includes the Law School Admission Test. Applications for this test are available in the Queens Career Center, and students should plan to take the exam early in their senior year. Scores from this test, undergraduate quality point average, and other factors are parts of the law school admissions process. Students should check to see what information is required by the law school or schools that interest them.

For further details or counseling, students should contact the Queens Career Center.

Music Therapy

Under the Bachelor of Music degree, the music department has devised a 4½ year major in the field of music therapy. A special bulletin is available which contains all pertinent information about this program which is accredited by the National Association for Music Therapy, Inc. Music therapy prepares a student for work with children and adults who require special services because of behavioral, learning or physical disorders. For further details, contact the chairman of the Division of Fine Arts.

Bachelor of Science in Nursing

Preliminary planning has been initiated for the development of a program which would award the degree of Bachelor of Science in Nursing. The date on which students would be enrolled will be decided at a future time.

Cooperative Program With Presbyterian Hospital School of Nursing

The Presbyterian Hospital School of Nursing in Charlotte and Queens College have a cooperative arrangement under which the college provides basic academic instruction to students enrolled in the hospital's three-year Diploma Program for Nurses. Students in this program live at the hospital nursing school and take courses for academic credit at Queens during their first year. College credit hours earned at Queens in this program are transferable. Participants in this program are eligible to become Registered Nurses when they have been graduated from the Presbyterian Hospital School of Nursing and upon satisfactory completion of the state board examination. Interested applicants should write the Director, School of Nursing, Presbyterian Hospital School of Nursing, P.O. Box 10157, Charlotte, North Caroina 28237.

Two-Year Pre-Nursing Curriculum

This program will entail transfer o a college or university of the tudent's choice after completion of the two-year Queens program. Under this program students inerested in nursing but uncertain bout their commitment or ability n the field can begin productive ollege work before making a final decision about professional training.

The flexible two-year curriculum ncludes courses required at the particular school or university to which the student will transfer. Queens maintains a file of college and university catalogues which lists the requirements of various nursing programs. Normally the pre-nursing student develops a freshman and sophomore schedule from the following courses:

Natural Science and Mathematics: Biology 103, 206, 111, 112, 120; Chemistry 101, 102, 303; Mathematics 105 or 112.

Social Sciences: Psychology (two courses) 201, 209, 303, 304, 319; Sociology (two courses) 203, 204, 302, 308, 316, 318.

Humanities: English 101 and 102, literature, history, religion.

Students interested in this pre-nursing program should submit a regular admissions application to Queens' Director of Admissions, and should anticipate transferring after their sophomore year to the college or university from which they wish to graduate.

Associate of Science

The degree of Associate of Science is offered only in the program in nuclear medical technology. The specific course requirements are listed on page 94.

Teacher Education

A teaching certificate, either at the early childhood, intermediate, or secondary level, may be secured with the Bachelor of Arts or Bachelor of Science degree. Teaching certification also is possible under the Bachelor of Music program. The Bachelor of Music degree in music education is described on page 58. Details of the major in early childhood education and of teacher certification programs at the intermediate and secondary levels are given on page 44 and in the departmental bulletins about teacher education. These bulletins are available in the offices of the registrar and of the education department.

For further information, students may consult the Director of Teacher Education Programs.

(NOTE: Graduate students seeking teacher renewal credit or teacher certification may also enroll in courses at Queens. For details, interested students should consult the Dean of the College.)

Distributed Requirements

The distributed requirements, totaling at least 38 hours, assist the student in developing a program of study which will be widely representative of liberal arts studies. With one exception (Area I) these courses may be taken at any time during the student's years of attendance.

Courses which meet distributed requirements in Areas II-VII are designated in each department heading in the course descriptions. Students are advised to investigate as many disciplines as possible within the framework of the distributed requirements and through elective courses.

Elective Hours

In consultation with faculty advisers students choose elective hours, in addition to distributed and major area requirements, to complete the hours required for graduation. Electives afford an opportunity to develop one or two minor programs to study in fields which directly support the major program, and to gain knowledge in additional areas.

Physical Education

One hour is given for each term of successful completion of a physical education course. These physical education hours should be earned by the end of the sophomore year. No specific course is required.
Students requesting exemption from physical education activities for medical reasons must make such requests through the college physician and have approval of the Dean of the College. Chronic conditions which would warrant exemption are to be noted on the student's medical examination form for review by the college physician.

Academic Regulations

Registration

Students are expected to register for work at the time specified for

Area		*Number of Courses* ***(3 credit hours or more*
I.	Communication Skills I and II *(taken in freshman year)*	2
II.	French, Spanish, Mathematics	2
*III.	History, Philosophy or Religion	2
IV.	Biology, Chemistry, Physics, Interdisciplinary Science I and II	2
*V.	Economics, Political Science, Psychology, Sociology	2
*VI.	Art, Literature, Music	2
VII.	Physical Education	2

**Courses to be chosen from two disciplines*
***Except Physical Education (Area VII) which offers 1 credit hour per course*

each term. Registration after the scheduled time costs an additional $15. No registrations are permitted after the first full week of classes.

A student may change her registration (drop-add) during the first full week of classes only. There will be no charge for course changes made at this time. After the first full week, any course dropped will be considered a withdrawal. No course may be added after the first full week of classes.

Term Load

The academic year consists of Term I, January Term and Term II. The normal load for all students is from 12 to 16 credit hours in Terms I and II and one Inter-Term course n January. Any full-time student wishing to take more than 16 hours n Terms I and II must obtain permission from the Dean of the College.

Graduation Requirements

A student should take the average oad of 30 hours each year if she s to attain the 122 hours required for graduation in the four regular years. Two credits in physical education included in the 122 hours are required for graduation and certain Inter-Term requirements in January as follows: A minimum of two Inter-Term units is required for the student who completes at Queens College 61-122 credit hours applicable to a degree from Queens College. A minimum of one inter-term unit required for a student who completes at Queens College 1-60 academic credit hours applicable to a degree from Queens College. Implementation of these requirements is effective with the ntering freshman classes of 1977-78 nd 1978-79.

Grades and Quality Points

Graduation requirements are based on both the quantity and quality of the student's work. Queens uses the following system of grades and quality-point value per credit hour:

Grade	*Interpretation*	*Quality-Point Value*
A	Superior	4.0
B+	Very good	3.5
B	Good	3.0
C+	Very satisfactory	2.5
C	Satisfactory	2.0
D	Poor	1.0
F	Failing	0
P	Pass	(0)
N/R	No Record	(0)
W	Withdrew	No effect on quality points
I	Incomplete	May become A to F upon completion

Grades in physical education are P (passing) or N/R (no record).

A grade of I automatically becomes F if the student fails to make up incomplete work satisfactorily. The grade of I must be removed by the end of the first two weeks of regular classes of the next term for Terms II and January-Term and summer session. A grade of I received during Term I must be removed by the end of the second full week of regular classes of Term II.

Grade reports are sent at the end of each term. Mid-year reports are issued in Terms I and II to indicate special difficulties in course work. Only final term grades are permanently recorded.

A student who has received an F for a course may repeat that course; the F will remain on the student's record in that case, but only the second grade for the course will be figured into the student's cumulative quality point average. NOTE: This is the *only* case in which a student may register to enroll in the same course twice unless the course is listed "Maybe be repeated for credit."

Records of Progress

Records of progress are kept by this institution on veteran and non-veteran students alike. Progress records are furnished the students, veterans and non-veterans alike, at the end of each scheduled school term.

Pass/No Record

P/NR is a grading philosophy designed to encourage students to explore new areas. The guidelines below do not include those courses, designated as P/NR for all students, such as Introduction to Programming and typing. Courses selected by the student to fulfill the Distributed Requirements may be taken P/NR. P equals a grade of C or better; NR equals a grade of D or F. Courses taken for P/NR are not counted in the calculation of the student's quality point average.

Students may take up to a maximum of two courses a year on a P/NR basis, but may take no more than one course on a P/NR basis in any one term. The student must indicate when she registers for the course that the grading basis will be P/NR. Up to one week after the midpoint of the semester, however, she may change the P/NR basis to a graded basis. Some courses specifically designated (for example, art studio, applied music) may not be taken P/NR. Unless a student obtains permission from the Dean of the College, she may not take a course in the department of her major or in her major program on a P/NR basis. Students planning advanced academic work should be informed that *Pass* grades may be interpreted as C by graduate institutions and an inordinate number of such grades may be looked upon with disfavor by graduate admissions committees.

Student Rank

Students following a degree progra and carrying the required term loa are granted class rank according to their credit hours earned.

Class Rank	*Credit Hou*
Freshman	0-3
Sophomore	30-6
Junior	60-9
Senior	90-1

A *regular student* is one who is admitted as a degree candidate.

A *special student* is one who is admitted with non-degree status and may enroll for a cumulative total of 15 credit hours. After completing 15 credit hours, a speci student must apply for regular admission or receive special permission to continue.

A *contract student,* a degree cand date at another institution, is enrolled for credit at Queens through arrangements with the institution which will ultimately grant the degree.

A *continuing education* student is one who is enrolled only in noncredit programs.

Academic Standards

While Queens makes every effort to encourage students and to assist those in difficulty, it is unfair to the student and to the college to retain anyone who fails to make reasonable progress.

Eligibility to Continue

The Student Qualifications Committee reviews each case of academic difficulty at the end of Term I and II and determines the student's eligibility status.

Probation

A student is automatically on academic probation if her cumulative quality point average is below the following values for class standing.

Class Standing	*Credit Hours*	*Term I Completed*	*Term II Completed*
Freshmen	0-30	1.500	1.800
Sophomores	30-60	1.800	1.900
Juniors	60-90	1.900	2.000
Seniors	90-120	2.000	2.000

A student on academic probation may petition the Student Qualifications Committee for exception from probation if the student has achieved a QPA of 2.500 or better for the previous Term I or II.

The student who does not show improvement and fails to meet the scholastic standard may be asked to withdraw from the college.

Eligibility to Represent the College

Students who maintain a quality point average of 2.000 or more the preceding term are eligible to represent the college in off-campus extracurricular activities and to hold campus offices during the current term. Students on probation are not eligible to represent the college.

Dean's List

Degree candidates who achieve a term average of 3.500 or better in at least 12 hours of graded work for the term are named to the Dean's List. Students with Incompletes in courses cannot be considered.

Attendance Policies

The college expects students to attend all class sessions. Specific attendance policies for each course are set by the individual faculty member. The faculty member announces at the beginning of each term the policy to be applied in a particular course.

All candidates for degrees are required to be present for commencement rehearsal, baccalaureate service, and the commencement exercises.

Examinations

The student's work is evaluated periodically. At the end of each term, evaluations—normally by written examination—are made in all courses. Final written examinations are generally between two and three hours long. In 300 and 400 level courses the instructor may give the examination during the regularly scheduled time or ask a take-out examination. The schedule for final examinations is established by the Registrar. Permission to change an examination schedule or to make up an examination must be granted by the Dean of the College.

Withdrawal From a Course

A student must obtain permission from the Dean of the College to withdraw from a course. After the first full week of classes in any term, a student who drops a course receives a grade of W. The deadline for withdrawing from a course is one calendar week after the midpoint in any term.

Withdrawal From the College

A student wishing to withdraw from the college before end of the term must notify the Dean of the College in order to maintain a good standing. All grades are recorded as W. If the student does not give written notification to the Dean of the College before the end of the term, all grades are recorded as F.

The college reserves the right to require at any time the withdrawal of a student whose conduct or academic work is not considered satisfactory.

See also withdrawal information in regulations regarding costs.

Academic Ineligibility

The faculty determines the academic standards which the Student Qualifications Committee administers. This committee reviews each case of academic difficulty. When students fail to make quality point averages according to guidelines stated in the bulletin, the Student Qualifications Committee places various stipulations to encourage the student to meet the minimum standards. These stipulations are sent in writing to students and to parents or guardians. If the student does not meet the stipulations set she will be subject to dismissal from the college. All decisions regarding dismissal may be appealed to the President of the College. Following a full semester of absence from the college, a student may apply for readmission.

Auditing Courses

A regular student carrying a load of 12 to 16 credit hours and maintaining a B average may, with the consent of the Dean of the College and at the request of the instructor, audit a course. Special students may petition the Dean of the College for permission to audit a course. An auditor is expected to attend classes regularly.

Summer School Credits

Approved summer courses taken at other accredited colleges and universities and carrying a grade of C or higher may be counted toward the 122 credit hours required for graduation, provided these courses are comparable or supplemental to those offered at Queens and have been approved by the advisor and the related department head, or the Dean of the College. In calculating a student's quality point average for graduation, only the credit hours and quality points earned at Queens are counted.

Undergraduate Program Tests

The college arranges for and requires all students academically classified as seniors to take the Undergraduate Program Tests.

Courses of Instruction

Course Listings

Course listings give general information concerning each area of study and the requirements for major programs in each discipline. These requirements should be carefully noted by students when deciding on a major.

Many of the courses in the sections beginning on page 36 will be liste in the course schedule which is distributed prior to each term.

January Term

January Term at Queens College provides a period of study during which a student concentrates on on course or learning experience. Thi may involve off-campus travel, a internship, an independent study, a directed reading course or a specially designed symposium. Th symposia are interdisciplinary in nature and are designed primaril for the freshman and sophomore student.

Course Numbers

In general, courses numbered 100 299 are primarily for freshmen and sophomores; those numbered 300-499 are primarily for juniors and seniors. In specific cases, however the individual student's ability an background rather than her class standing will determine the appropriate level of work.

Double numbers separated by a comma (e.g. 310, 302) indicate that the completion of both courses forms a desirable unit. Occasionally the first course is a prerequisite to the second.

Course Changes

Queens College reserves the right to change the course offerings and instructors indicated in this catalogue without prior notice to persons who may thereby be affected. Every effort is made to help a student affected by a course change by providing the opportunity for an independent study or seminar arrangement.

The College Library

Everett Library, located at the center of the campus, also sits virtually at the demographic hub of the Charlotte metropolitan area. It is the descendant of two centuries of book buying among North Carolina's Scotch-Irish settlers. The present library collection was housed in Burwell Hall from the 1920's until the 1950's.

Through the generosity of Herschell Hill Everett, Chairman of the Board of Trustees from 1952-1967, and his wife Cornelia Nisbett Everett, the collection moved in 1960 into one of the city's most spacious and inviting structures. Colonel J. Norman Pease designed the building and Edmund D. Lewandowski's mosaic depicting the areas of knowledge available within the liberal arts tradition has become the visual focal point for the dormitory quadrangle.

The library collection is the core of the liberal arts community and is designed to support all regular academic programs of the college. To accomplish this end, over 80,000 catalogued volumes and 575 current periodicals are housed in open stacks on the upper two floors, available for student use. The lower floor houses 16,000 bound volumes of periodicals and 2,600 reels of microfilm including *The New York Times* from 1851. Space has been provided for future development of an Instructional Media Center. The collection, which is growing at a rate of 2,000 volumes a year, is further supported from additional funds: Sadie Gaither Anderson (Religion), Rena Chambers Harrell (Reference), and Mar Waters Covington, etc.

Since 1927, the Library has been a selective depository for U. S. government publications. As a member of the Charlotte Area Educational Consortium, Queens students have limited access to the documents holdings in several area college libraries and to the public library system.

Although most books are centrally housed in the Everett Library, the music department maintains in E. H. Little Fine Arts Center a collection of phonograph records and scores pertaining to the history and performance of western music The education department's Curriculum Materials Center located on the second floor of the Stultz Building houses a selection of state-adopted textbooks and other learning materials appropriate for future teachers in pre-school through secondary school programs When completed, the Instructional Media Center in the basement of the library will be capable of serving the entire campus through the preparation of a variety of materials, including transparencies, audio reproduction, and video.

During the two main academic sessions the library is open from 8:00 A. M. to 11:00 P. M., Monday through Thursday; 8:00 A. M. to 5:00 P. M. on Friday; 10:00 A. M. t 4:00 P. M. on Saturday; and 2:00 P. M. to 10:00 P. M. on Sunday. The operation schedules for January, May, and June sessions are reduced. A 24-hour Study Room is provided on the main

floor of the Stultz Building, and equipped with basic reference books for those students who wish to study when the library is not open.

Students have free access to the stacks and may receive instruction n the use of bibliographic and reference works at all times. The ibrary encourages use by students, aculty, and staff members, alumnae, Friends of the Library, ministers of the Mecklenburg Presbytery, and other individuals with special permission.

Everett Library maintains a special and unique relationship with its ndependently sponsored Friends of the Library organization. Founded in 1971, the community group hosts an annual "book and uthor" luncheon, contributes significantly to the interior decor of the building, provides modular study areas, and has established a Special Collections Room (1978) in honor of the late Rena C. Harrell, Queens' first librarian from 1926 to 1956. Located on the second floor, this special study room will house collections pertaining to Mecklenburg County's early history from 1751 to 1860, rare books and maps, and materials related to the history of Queens College.

Students and faculty members will discover Everett Library to be a source for study and personal growth during their college days and as they relate to the community in which they live. The collection maintains enough depth for research and breadth for the mental preparation needed for a lifetime of successful living.

Division of Business and Social Sciences

Associate Professor Parkum. Assistant Professors: Basini, Carley, Childress, W. Gardner, West, Zapata. Lecturers: Chafin, Kissiah, Reichs, C. Smith.

Business/Economics

Courses offered in this department provide opportunity for the study of the principles that govern economic and business systems, in theory and in practice.

Careers

Major study in business may lead to careers in banking, commerce, industry, and government or to graduate study in economics, business, and law.

Major

A major in business is offered by the department. Students completing the requirements will receive a Bachelor of Arts degree in business. (By selecting advanced business electives offered in the department, students may have some degree of concentration in marketing, management, or investment/finance.)

Requirements for the degree: Economics 203, 204; Business 207, 208, 310, 314, 340, 342, 352, 490, 499, and Math 206. The student should take at least two 300-level business electives. Other suggested courses include: Math 112, 200, 300 ,405, and 406; Psychology 303 and 311; Political Science 202 and 324; Sociology 312, 320, 325, and 340.

Minor

Minor in Business: 18 credit hours of courses in business and economics of which 12 credit hours should be selected from the following courses: Economics 203, 204, Business 207, 208, 314, 340, and 6 credit hours from courses above the 300 level.

Business-Secretarial Proficiency Certificate

A certificate will be awarded by the department to those students who have completed a minimum of 60 hours—26 hours of courses approved by the department and an additional 34 hours of the required courses, or equivalent proficiency, as listed: Typing 101, 102; Accounting 207, 208; Shorthand 211-212; Office Administration 234; Practicum 250; Business Law 310; Advanced Shorthand 311; Business Communications 209, and Mathematics 100 and 105.

Distributed Requirements

The requirement, Area V, may be met by Economics 203, 204. Business majors may not use economics courses to fulfill Area V distributed requirements.

Economics

203 Principles of Macroeconomics

3 Hrs.

Introductory survey of aggregate economi principles; the scope and method of economics; business organizations; money and prices; national income theory; economic stabilization policies and international trade.

204 Principles of Microeconomics

3 Hrs.

Survey of economic principles, dealing with specific components of the econom and their application to economic problems; basic demand and supply theory the theory of production and income distribution; agriculture, government regulation, and labor organizations.

205 Personal and Family Economics

3 Hrs.

Study of the management of personal a family financial affairs. Open to juniors and seniors and to others only with permission of the instructor.

300 Current Topics or Specialized Areas in Economics

3 Hrs.

Courses designed to investigate and/or evaluate current topics or specialized areas of economics. Course topics are announced the semester preceding the offering.

Prerequisite: To be designated for each specific course offered.

345 Intermediate Micro-Economic Theory

3 Hrs.

The study of resource allocation in the determination of optimum output and pricing by a firm. Emphasis includes utility and production functions and the application of micro-economic theory given various market conditions.
Prerequisite: Economics 204.

351 Money and Credit

3 Hrs.

Study of the fundamental principles and practices of the money and credit systems of the United States: financial institutions; commercial banking; the Federal Reserve System; monetary theories and policy.

Prerequisite: Economics 203 and 204; Business 207 and 208.

405 International Economics

3 Hrs.

A study of international institutions, international trade theory, monetary relations, and policy issues. Topics covered include import and export practices, multinational corporations, tariff and trade restrictions, balance of payments and reserve currencies.

Prerequisite: Economics 203.

449 Directed Individual Study

1, 2, or 3 Hrs.

A program of directed readings, independent study of an approved program, or an approved project formulated by the student and approved by the department.

Business

100 Business In Society

3 Hrs.

Introduction to the role of business in American society, including history of the growth of economic enterprise and consideration of social forces and problems related to business activity.

207 Financial Accounting I

3 Hrs.

An introduction to accounting principles with emphasis on the recording and reporting of financial accounts and statements.

208 Financial Accounting II

3 Hrs.

An introduction to the theory, methods and uses of accounting information in solving business problems and the role of accounting standards in economic and corporate decisions and behavior. *Prerequisite:* Business 207.

234 Office Administration

3 Hrs.

Correlation of all phases of secretarial work including office management and procedures, the use of the dictaphone, and personality development. *Prerequisite:* Secretarial Practice 102 or its equivalent.

300 Current Topics or Specialized Areas in Business

3 Hrs.

Course designed to investigate and/or evaluate current topics or specialized areas of business. Course topic is to be announced the semester preceding the offering.

Prerequisite: To be designated for each specific course offered.

301 Research and Report Writing

3 Hrs.

Instruction and implementation of business research methods; report preparation and presentation; interpersonal, group, and mass communication, both written and oral.

309 Managerial Accounting

3 Hrs.

An analysis of accounting information in identifying issues; analysis of the use of accounting and economic data from a management viewpoint.

Prerequisites: Business 207 and 208.

310 Business Law

3 Hrs.

Course intended to give the student some knowledge of the legal rights and duties of the businessman with regard to contracts, agency, sales, negotiable instruments, employee and employer relationship; transfer of real and personal property, and related items.

312 Complex Organizations

3 Hrs.

Analysis of nature and types of complex organizations and their significance in modern life and societies. This course is cross-listed as Sociology 312.

314 Principles of Management

3 Hrs.

Survey of the principles of management for leadership roles in business or public service careers; special attention will be given to personal leadership skills, to ethical considerations in business, and to research and current practice in basic management activities of planning, organizing, leading and controlling.

320 Business Ethics and Government Policy

3 Hrs.

An analysis of the relationships which exist between government actions, business practices and the social impact of these forces.

340 Marketing

3 Hrs.

A role of the marketing function in planning and implementing objectives of the firm. Consumer markets, industrial markets, channels of distribution, product and pricing policies, sales forecasting, promotion and control.

342 Computer Concepts for Business

3 Hrs.

Study of how computers are used for problem solving, application to management functions, terminology, interpretation, capability and use as a planning and control tool. Emphasis on the use of Management Information System through computers.

352 Corporate Finance

3 Hrs.

Nature of business finance, corporate and noncorporate, and its relation to economics, accounting, and law: capital, capitalization, working capital; financial planning, initial financing, refinancing and expansion; internal and external financial affairs of business firms.

Prerequisite: Economics 204; Business 207 and 208.

400 Marketing Management

3 Hrs.

Marketing concepts and practices are implemented in order to provide an operational framework for decision analysis, strategy design and management control. Marketing cases will be used to simulate the decision making process.

Prerequisite: Business 340.

430 Financial Management

3 Hrs.

The study and application of financial techniques for both internal and external needs of the enterprise. Concentration will be on the management of capital, its sources and uses within the firm.

Prerequisite: Business 352.

449 Independent Research/Study

3 Hrs.

A program of directed readings on research projects. Approved by the supervising professor. Open to business major seniors or by permission of professor.

490 Business Practicum

3 to 9 Hrs.

Designed to give the student experience in the business field.
Prerequisite: Upperclass standing. Economics 203 and 204, Business 207, 208, 210, 214 and permission of the instructor.

499 Business Policy

3 Hrs.

Designed to synthesize all facets of the business curriculum by studying busines problems through the use of case studies and independent research and discussion of various means of resolution and their viability in the business world.
Prerequisite: All other required Busines major courses.

Secretarial Practice

101 Beginning Typing

2 Hrs.

Training in the touch system of the keyboard; introduction to tabulation, manuscripts, and letter styles; building of typing speed.

First six weeks of term.

This course is conducted on a Pass/No Record basis for all students enrolled.

102 Advanced Typing

2 Hrs.

Mastery of tabulations, manuscripts; accurate and attractive production of business forms and statistical tables; buildin of typing speed to minimum 40 words per minute.
Prerequisite: Secretarial Practice 101 or equivalent.

Second six weeks of term.

This course is conducted on a Pass/No Record basis for all students enrolled.

211-212 Elementary Shorthand

3 - 3 Hrs.

Development of a writing knowledge of Gregg shorthand to a minimum sustained note-taking speed of 80 words per minute on new material with 95 percent accuracy in transcription.

These courses are offered on a Pass/No Record or graded basis.

250 Practicum

3 Hrs.

A student will choose an office situation of her particular interest, subject to the approval of the Economics/Business Department, and work for a period of four weeks (no less than 125 hours). Each student will give a written report at the end of the four weeks, and the employer will be asked to give a critical evaluation.

Prerequisite: Secretarial Practice 102 or its equivalent, Business 234, and a minimum of nine hours of courses required for the Business-Secretarial Proficiency Certificate; or permission of instructor.

311 Advanced Shorthand

3 Hrs.

Building of minimum sustained note-taking speed on new material to 120 words a minute and production of commercially acceptable transcripts. *Prerequisite:* Secretarial Practice 211-212 or the equivalent.

This course may be taken on a Pass/No Record or graded basis.

Political Science

Courses provide an opportunity to examine the use of power to order the social environment and to investigate aspects of power in human thought, institutions, and behavior.

Careers

Major study in political science may lead to careers in government, politics, law, journalism, teaching, or any of the many areas in which a liberal arts background is desirable. The opportunities for graduate study are extensive, and fellowships are available with which to fund such study.

The department also offers a major in public administration leading towards careers in government work at all levels in the United States.

Major

Political Science: Political Science 201, Sociology 315, and 21 additional credit hours in political science, plus either Mathematics 206 and three additional mathematics credit hours; or, six credit hours at the 300 or 400 level in economics, history, psychology, philosophy or sociology. The student should consider a focus in American government, international relations, or philosophy before deciding which of these related courses to pursue.

Superior students are encouraged to participate in the Washington Semester Program in which as many as 15 credit hours may be earned while the student is at American University in Washington, D. C.

Public Administration: The major requires 33 hours in the following courses: Economics 345, 351; Business 314; Political Science 201, 310, 311, and 450; Psychology 201, 303; Sociology 203 and 312; plus six hours to be chosen from among the following courses: Business 301, 309, 310, 320, 352, or 430; History 396; Sociology 320, 325, or 394.

Minor

Political Science 201 plus 13 additional hours in political science, at least six of which must be in courses other than 308, 310, 313, or 315.

Distributed Requirements

Political Science 201 meets the Area V Distributed Requirement. Political Science majors may not use political science courses to fulfill Area V Distributed Requirements.

201 American Politics

3 Hrs.

Political institutions and behavior; introduction to the Presidency, Congress, Supreme Court; political parties and pressure groups as actors in politics; conservatism and liberalism as motivating philosophies.

202 Contemporary Political Issues

3 Hrs.

Study of major issues and problem areas in both American and international politics. Emphasis will be upon substantive background of the issue; introduction to the range of political concepts, actors and institutions related to these issues; and the variety of policy choices presented by these issues.

206 Political Ideology

3 Hrs.

Development and function of ideology in a political system; examination of contemporary fascist, socialist, communist, and democratic ideologies; new ideologies of emerging nations.

300 Current Topics in Political Science

3 Hrs.

The study of selected approaches to the study of political activity or specialized topics of contemporary political science research. Possible topics include political psychology, economic models politics, and political fiction. Topics to be announced the semester prior to offering.

301 European Political Systems

3 Hrs.

Comparative analysis of political culture, institutions, and behavior in selected modern European nations; emphasis on England, France, and West Germany.

303 Communist Political Systems

3 Hrs.

Analysis of communist theory and its practice in the political systems of the Soviet Union, Eastern Europe and China. Emphasis will be upon relating institutional literature on these systems with literary perceptions of life within them.

305 Developing Political Systems

3 Hrs.

Introduction to the processes of political development and change, and to problems confronting developmental efforts of an emerging nation; emphasis on selected African, Asian, and Latin American nations.

308 Political Parties and Voting Behavior

3 Hrs.

Function of parties in a political system; comparative party systems; mass and cadre parties, proposals for more "responsible" parties; political attitudes and voting behavior.

310 State and Urban Politics

3 Hrs.

Political institutions, processes, and problems in the American states and municipalities.

311 Public Administration

3 Hrs.

A political analysis of the nature of government bureaucracies and how they operate. Special attention will be paid to the role of these bureaucracies in the American society, the decision-making processes in these bureaucracies, and the way in which these bureaucracies implement their own decisions as well as thos made by higher authorities (such as legislatures or chief executives).

313 The Constitution and The Court

3 Hrs.

Historic interpretations of the America Constitution and major decisions in constitutional law; the Supreme Court and judicial decision-making.

315 Congress and The Presidency

3 Hrs.

Structure and functions of House and Senate, Executive Office and advisors; conflict and cooperation in domestic a foreign policy decision-making.

323 World Politics

3 Hrs.

Analysis of the nature of international politics as well as the study of the factor that govern the interaction of states, su as: nationalism, ideology, power, law, international organization, and personalities.

324 International Law

3 Hrs.

Analysis of the content and impact of man's attempts to order international relations through the development and implementation of a system of law.

325 American Foreign Policy

3 Hrs.

Major themes in the history of America diplomacy since 1898 with emphasis o their applications, modification, and development in relation to America's increased world responsibilities as a wor power.
Prerequisite: History 203 or 204 or pe mission of the instructor.

Note: Students may elect this course as History 325.

326 Contemporary American Foreign Policy

3 Hrs.

Analysis of the role of the United States in contemporary world politics; emphasis upon the nature of the foreign policy-making process and the rationale, conten and impact of contemporary American international actions and policies.
Prerequisite: History 204 or permission of the instructor.

Note: Students may elect this course as History 326.

336 Political Theory I

3 Hrs.

Political thought from classical Greece to Hobbes; examination of the content of political thought and its sources in and impact upon society during the ancient, medieval and renaissance periods.
Note: This course may be taken for credit in either Political Science or Philosophy.

337 Political Theory II

3 Hrs.

Political thought from Hobbes to the Twentieth Century; examination of the content of political thought and its sources in and impact upon society from the Seventeenth Century to the Twentieth Century.

Note: This course may be taken for credit in either Political Science or Philosophy.

350 Directed Study

3 Hrs.

Investigation of a specialized topic in political science through research, special instruction, and assigned readings. A paper and oral or written examination by staff are required.
Prerequisite: Approval of department.

351 Practicum in Political Science

3 Hrs.

Field experience in application of political science theory and methods in selected agencies and organizations. May be repeated up to 6 hours. Credit applicable to Political Science major. Open primarily to junior and senior majors. Permission of instructor required.

450 Independent Study

3 Hrs.

Opportunity for independent investigation of a topic by means of a thesis or a program of directed readings; oral examination by department members.

Open to seniors with permission of the department.

Sociology/Social Work

The department offers a curriculum designed to introduce the student to the systematic study of humans in interaction and the social causes and consequences of human behavior. Upper level courses afford the student the opportunity to explore specific areas within the discipline as well as acquired methodological and research skills.

Careers

A major in sociology provides the advantages and experience of traditional liberal arts education as well as an appropriate background for persons entering fields ranging from public health, business administration, social work and law to public relations, personnel services and urban planning. The acquisition of analytical and research skills may be utilized in varying situations such as program evaluation in human service organizations, management, and business related fields such as consumer research.

Information on career-oriented specializations such as demography, applied research, criminal justice, social work, and urban affairs is available from the department.

Majors

Twenty-seven credit hours in sociology including 203, 310, 315, 450 and six additional credit hours from among the following: political science, psychology, and economics (excluding Economics 205). Mathematics 206 is required for a major in sociology.

Minor

Sociology 203 and fifteen additional hours, nine of which are to be selected from Sociology 394, 310, 313, 315, or 340.

Distributed Requirements

The requirement, Area V, may be met by Sociology 203. Sociology majors may not use sociology courses to fulfill Area V Distributed Requirements.

Prerequisite

Sociology 203 is prerequisite to all courses in the department, except Sociology 204 and 316.

203 Principles of Sociology

3 Hrs.

Basic concepts and principles of sociology; relationships and meaning of culture, society, personality, and interaction; analysis of group structure and social organization.

204 Social Issues and Problems

3 Hrs.

A sociological consideration of critical issues in contemporary society relating to individual deviation and social disorganization; emphasis on causal factors, societal response, and proposed solutions.

300 Specialized Areas In Sociology

3 Hrs.

The topics for each term are included in the class schedule.

303 Social Psychology

3 Hrs.

Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perception, and behavior of the individual in groups.

Prerequisite: Psychology 201.

Note: This course may be taken for credit in sociology or psychology. It is cross-listed in Psychology.

304 Marriage and Family

3 Hrs.

A study of the family as a social institution; types of family life; changing familiar roles in contemporary society; preparation for marriage and family life.
Prerequisite: Upperclass standing or permission of the instructor.

306 Dynamics of the Helping Relationship

3 Hrs.

How to work with people. Development of interviewing skills. The course will offer learning experiences which can enable the student to utilize herself in a disciplined and knowledgeable way in relationships with other people.
Prerequisite: Upper class standing or consent of the instructor.

310 Contemporary Sociological Theory

3 Hrs.

Development of social thought as reflected in the works of major theorists, with emphasis on influential contributions to the development of modern sociology.
Prerequisite: Six credit hours of sociology.

312 Complex Organizations

3 Hrs.

Designed to acquaint student with the concepts, theories, and research methods appropriate to organizational sociology. Particular attention is given to the consequences of differential structures for human behavior. This course is cross-listed as Business 312.

313 Cultural Anthropology

3 Hrs.

Comparative study of culture with emphasis on preliterate societies; past an present variation of man and culture. Factors in stability and change and relation of culture to personality.
Prerequisite: Sociology 203.

315 Methods of Sociological Inquiry

3 Hrs.

The scientific method applied to socia phenomena; methodological orientation in sociology; research procedures; techniques for collecting data; measuring social variables; and interpreting researc findings.
Prerequisite: Sociology 203 and mathematics 206.

316 Women In Society

3 Hrs.

An analysis of the female in regard to se role stereotyping through an examinatio of the status of women, cross cultural role differences, and the dynamics of the socialization process.

318 Criminology

3 Hrs.

An examination of the extent, distributio and character of crime and delinquency with emphasis on sociological theory research on causation, prediction, and prevention; analysis of the consequences of variable social reactions to crime.
Prerequisite: Sociology 203.

320 Population

3 Hrs.

An analysis of human behavioral patterns values, and ideologies that are relevant to the number, distribution, and composition of populations including an examination of the inter-relationships of the components of population analysis; fertility, mortality, and migratio
Prerequisite: Sociology 203 or permissio of the instructor.

325 Urban Sociology

3 Hrs.

A study of the genesis, growth, and spatial patterns of cities including an analysis of distribution and function of metropolises from an ecological perspective. Attention is also given to contemporary urban problems.
Prerequisite: Sociology 203.

30 Directed Individual Study

-3 Hrs.

ndependent reading and investigation of e literature relevant to a specific topic r area in Sociology. Open to juniors, niors and others with permission of the structor.

40 Social Stratification

Hrs.

n examination of systems of social ratification; theoretical perspectives on ratification and differentiation; the teraction of class, status, and power; nsequences of class differences in mod-n America.
rerequisite: Sociology 203.

51 Practicum in Sociology

Hrs.

ield experience in application of sociolo-cal data, theory, and methods in lected agencies and organizations. May repeated once. Open primarily to junior d senior majors. Permission of instructor quired.

94 The Black Minority In merican Society

Hrs.

socio-historical study of minority group lations emphasizing key periods and sues in the history of the Afro-American— e problems faced, the responses made, d the consequences and significance this heritage for both blacks and whites. ross-listed as History 394.

0 Senior Seminar

Hrs.

iscussion and analysis of the relation-ip between sociological theory and search. The student constructs and oposes a study design to investigate area of theoretical interest.

2 Independent Research

3 Hrs

dependent research and study of proved problems or projects. Oppor-nity of specific additional application of search method skills. Open to senior ciology students.

erequisite: Sociology 450 and permission instructor.

Division of Education and Psychology

Professor Shealy. Associate Professors: Lanier, Mason, Pharr. Assistant Professors: Cappleman, Porterfield, M. T. Smith, Walker. Lecturers: Biber, Bryant, Goodman.

Teacher certification may be obtained as a part of the student's regular four-year program. Course work is designed to meet requirements in North Carolina; there are reciprocity agreements with over 30 other states. Students planning to teach in a state other than North Carolina should obtain a copy of the requirements of that state and plan a program to meet those requirements.

Departmental objectives state that the education of teachers is threefold: they are liberally educated; they pursue in depth their teaching specialities; and they acquire the necessary professional knowledge and skills needed in teaching. The certification of teachers is limited to the areas in which the college has majors or well-established programs. The education of teachers is the joint responsibility of the academic departments and the department of education. One of the ways of accomplishing the college's purpose as an educational institution is to prepare individuals both for personal fulfillment and for contribution to society.

Certification is possible in early childhood education (grades K-3); intermediate (grades 4-9); in secondary-level teaching (grades 7-12) in English, French, Spanish, mathematics, science (or biology), and the social studies areas; and in the special subject areas (grades K-12) in art, Bible, and music. Specialties in media education and reading education may be obtained with all levels of certification. Any student may also elect courses in these areas as part of her liberal arts curriculum.

Students desiring certification in early childhood education may choose to major in early childhood education or any other area of concentration offered and at the same time fulfill certification requirements. Students wishing certification at the intermediate level may self-structure a major in education in combination with one or more academic areas.

Early planning for certification is advisable. For specific requirements in teaching fields, students should consult the special departmental bulletins on teacher education.

Major

The major in Early Childhood Educatio requires the following courses: Educati 221, 305, 310, 311, 312, 333, 334, 401, 402, 403, 420, 446, and six credit hours of 300-400 level courses related to th major and approved by the education faculty. In addition, the student must complete in other departments subject matter courses required for the teachin certificate.

Education

221 Introduction to Teaching

3 Hrs.

Sociological, historical, and philosophic background, purposes, and concepts basic to the development of public education in the United States.

Primarily for sophomore level students required of all students in teacher education.

229 Introduction to Early Learning Experiences

3 Hrs.

Course is designed as an introduction to the components of an early learning center for young children. Topics such as routine procedures, schedules, interest areas, and materials and equipment will be included so that students will get a overall view of a well planned learnin center. The student will begin to develo observational skills needed to facilitate identification of the needs of individual children and how they learn. Requirements include two hours lecture and three hours lab per week.

301 Introduction to Media Services

3 Hrs.

The beginning course for persons interested in library and media professio developments, objectives, standards an current trends in media centers. Inclu a study of media quarters, facilities, an equipment; acquisition, maintenance, and circulation of book and non-book materials.

Prerequisite: Permission of instructor.

02 Technical Services for edia Centers

Hrs.

rinciples and practices of cataloging, lassification, and processing of books nd non-book materials.

rerequisite: Permission of instructor.

03 General Reference Sources n Media Centers

Hrs.

asic reference tools for the media center ncluding study of dictionaries, encyclo- edias, handbooks, indexes, bibliographies erials, biographical sources atlases, and azetteers.

rerequisite: Permission of instructor.

04 Audio-Visual Materials nd Methods

Hrs.

n introductory course in the selection, tilization, and care of audio-visual and rincipal non-book materials and equip- ent.

rerequisite: Permission of instructor.

05 Literature for Children

Hrs.

ook selection and the integration of nowledge of children and books; in- ludes evaluating types of literature, lanning ways of using books, and the udy of bibliographic sources and tools.

06 Books for Young People

Hrs.

iterature for adolescents; includes evalu- ting types of literature, planning ways of sing books in the secondary schools, and e study of bibliographic sources and ols.

rerequisite: Permission of the instructor.

07 Practicum in Media Services

Hrs.

media center internship designed for ose persons already certified as class- om teachers. Admission by permission the Director of Teacher Education rograms.

10 Educational Psychology

Hrs.

tudy of those principles of psychology hich can be applied directly to the assroom; emphasis on psychological testing, behavior deviations, and principles of learning.

Prerequisite: Psychology 201.

311 Health Education in the Elementary School

3 Hrs.

Study of role of the teacher in the school health program, her responsibilities in teaching of health and health of the pupil.

312 Physical Education in the Elementary School

3 Hrs.

Overall view of aspects of teaching psysical education; its place in the school program; facilities, equipment, and safety procedures necessary for a successful program; skill progression and types of activities appropriate for elementary age groups.

Note: It is recommended that students preparing to teach in the elementary grades take folk and social dance as one of the two required hours of physical education.

330 The Young Child and the Educative Process

3 Hrs.

Course is designed to provide Early Childhood Education students with more indepth knowledge of the growth stages that young children go through in their learning and will demonstrate the interrelatedness of all areas of development. The student will also develop skill in observing young children and recording their progress on a learning accomplishment profile.

333 The Curriculum of Early Childhood Education

3 Hrs.

Survey of the kinds and qualities of learning experiences uniquely characteristic of young children. Course includes introduction to all curriculum areas and points to ways in which the teacher can provide framework for exploration in these areas.

334 Parent-School-Community Relations

3 Hrs.

A course designed to bring about a better understanding of the roles of the parents, the school, and the community in the education of young children.

335 Foundations of Reading

3 Hrs.

An introductory course in reading which includes the basic ideas in understanding the nature of reading as a receptive process of communication. Recent research and varying approaches to teaching reading will be explored.

345 The Teaching of Reading for Secondary School Teachers

3 Hrs.

The importance of reading development in the content fields for the improvement of learning is emphasized. Topics include work-study skills, selection of appropriate reading materials, functional and recreational, and classroom strategies. Required for secondary and special subject teacher certification.

401 Teaching of Reading and Other Language Arts

3 Hrs.

Course includes achievement of competencies in the use of materials and methods of instruction in the reading and language arts; Process based upon modern concepts of learning and child development; consideration of research findings, contributions of linguistics to language study, remediation, and ways of individualizing instruction. Student must achieve high level of competency in phonics, handwriting, and spelling.

402 Diagnostic and Corrective Techniques in Reading

3 Hrs.

Course is designed to help teachers contribute more effectively to the total reading program by identifying, interpreting and fulfilling the needs of those experiencing difficulty in reading. Students will be required to spend two hours per week in a school or appropriate setting working with those who have reading difficulties.

403 Methods and Materials of Instruction in Early Childhood Education

3 Hrs.

Course is designed to achieve competencies in materials and methods that are unique to the early stages of academic learning in science, social studies, and mathematics. Emphasis is placed on devising materials and methods to meet individual needs of children at this level.

404 Methods and Materials of Instruction in the Intermediate Grades

3 Hrs.

Course is designed to achieve competencies in use of materials and teachin methodology in the subject areas of mathematics, science, and social studies in the intermediate grades.

420 Methods and Materials of Instruction in Kindergarten

3 Hrs.

Course includes a study of the curriculu appropriate for the kindergarten age child in relation to individual interests, aptitudes and needs. Teaching activitie and experiences will be planned in eac of the curriculum areas to include these factors. Provision will be made to implement these plans in a classroom.

421 Organizing Programs In Kindergarten

3 Hrs.

Study of the essentials in the organizin of a good program for kindergarten children including: ways of making th transition from home to school, schedul examinations of various programs in operation; equipment, materials, and physical facilities; exceptional childre and working with parents.

438 Methods and Materials of Instruction for Secondary and Special Subject Teachers

3 Hrs.

Study of teaching methods, resources materials and strategies as related to th secondary school and special subject areas.

Prerequisite to student teaching; norma to be taken in the fall semester, senio year.

Students working for certification in a media and music may exempt the cours

440 Media Education Teaching Block

15 Hrs.

Study of various roles of the secondar special subject teacher in relation to principles of secondary education. D rected observation and student practice in selected schools. Student teaching fee: $40

441 Art Education Teaching Block

15 Hrs.

Study of various roles of the secondar special subject teacher in relation to rinciples of secondary education. Di-ected observation and student teaching n selected schools. Student teaching ee: $40

42 Secondary Education eaching Block

5 Hrs.

tudy of various roles of the secondary/ pecial subject teacher in relation to rinciples of secondary education. Di-ected observation and student teaching n selected schools. Student teaching ee: $40

43 Music Education Teaching Block

5 Hrs.

tudy of various roles of the secondary/ pecial subject teacher in relation to rinciples of secondary education. irected observation and student teaching n selected schools. Student teaching ee: $40

46 Early Childhood Education Block

5 Hrs.

bservation and student teaching in rades K-3; seminars are scheduled hroughout this period. Student teaching ee: $40

48 Intermediate Education eaching Block

5 Hrs.

bservation and student teaching in rades 4 through 9; seminars are cheduled throughout this period. Student eaching fee: $40

49 Field Experience in eaching Reading

Hrs.

tudents will be placed in various teaching ituations—tutoring individuals and/or mall groups, whole classes, special eading laboratories—in which they will vork with students with reading roblems.

rerequisites: Education 335, 345 or 401, nd 402, as well as permission of instruc-or.

50 Individual Studies in Education

ffered on demand—1, 2 or 3 Hrs.

rograms of study for experienced class-oom teachers, following their interests nd needs, are planned with the help of he instructor. Persons interested in nrolling in Education 450 are urged to confer with the instructor in person or by letter prior to the beginning of the course so that individual study plans may be formulated.

Prerequisite: Classroom teaching experience and permission of instructor.

Media Education

Eight courses are offered in educational media services. Students interested may select courses as electives, as preliminary to graduate school, or as a public school librarian at the associate media coordinator level.

Students desiring certification as an associate media coordinator should take the six courses 301, 302, 303, 304, 305, and 306; these courses must be taken in conjunction with a stated major. In addition the student must take professional education courses normally required for secondary, intermediate, or early childhood certification. For those persons working toward initial certification, Education 440 is required. For certified teachers desiring to become media coordinators, Education 307 is required.

For additional information consult the Director of Teacher Education Programs.

Reading Education

Six courses are offered in reading education. Any student may elect these courses as electives, as pre-professional courses, or as a second specialty in the teacher education program.

Students desiring this as a second specialty should take Education 305, 335, 345, 401, 402, and 449. In addition, students must meet all other requirements for teacher certification.

For additional information consult the Director of Teachers Education Programs.

Geography

205 Fundamentals of Geography

3 Hrs.

Both physical and social aspects of geography treated through study of the earth's surface and man's response to his physical environment with some emphasis on reading and interpreting maps and globes; designed primarily for elementary education certification requirements.

Physical Education

The program emphasizes individual and dual activities. Through active participation in this program the student should acquire the skills and habits which will enable her to live a healthy and active life.

The distributed requirements, Area VII, may be met by any two courses; all physical education courses are graded on a Pass/No Record basis. A student may enroll in any number of physical education courses, but only two hours of physical education credit may be counted toward the 122 hours required for a bachelor's degree. Physical education courses should be taken by the end of the sophomore year.

01 Varsity Tennis

1 Hr.

Designed for the above average, highly skilled student who desires intercollegiate competition in tennis. May be repeated for credit. Requirements: Membership by tryouts, participation on team during season, current medical examination, NCAIAW and college eligibility.

03 Varsity Volleyball

1 Hr.

Designed for the above average, highly skilled student who desires intercollegiate competition in volleyball. May be repeated for credit. Requirements: Membership tryouts, participation on team during season, current medical examination, NCAIAW and college eligibility.

15 Dolphin Club

1 Hr.

Membership by tryouts; performing group produces an annual water show.

Two hours each week. May be repeated for credit.

21 Beginning Tennis

1 Hr.

Fundamental skills of tennis; forehand, backhand, serve; emphasis on development of strokes: course for the beginner.

Three hours each week.

23 Advanced Beginning Tennis

1 Hr.

Emphasis on strengthening fundamental skills. Designed for the student who has had some experience with tennis or a course in beginning tennis. Singles ar doubles competition within the class.

Three hours each week.

25 Intermediate Tennis

1 Hr.

Emphasis on improving fundamental skills, advanced strokes, and techniques singles and doubles competition within the class.

Three hours each week.

31 Beginning Modern Dance

1 Hr.

An introduction to the basic principles of rhythm, design, and dynamics in modern dance; concentration on moveme techniques, improvisation, and dance composition.

Three hours each week.

32 Intermediate Modern Dance

1 Hr.

Continuation of Physical Education 31, emphasizing comprehensive study of movement techniques as applied to danc composition and improvisation.

Three hours each week.

34 Dance Production

1 Hr.

Experience in the production of a dance program.
Prerequisite: Physical Education 31 or previous dance experience.

Three hours each week. May be repeated for credit.

35 Folk and Square Dance

1 Hr.

Recreational type activity class in folk dance and both traditional and modern square dance. Experiences in instruction for students who plan to work in elementary education, recreation, and related fields.

Three hours each week.

37 Body Dynamics

1 Hr.

Principles of body movement and their application to everyday living; activities for improving body alignment, coordination, relaxation, fitness, and rhythmic skills.

Three hours each week.

51 Beginning and Advanced Beginning Swimming

1 Hr.

For the non-swimmer and beginner; basic safety skills, front crawl and elementary back stroke; opportunity to earn Red Cross certificates.

Three hours each week.

53 Intermediate Swimming

1 Hr.

Elementary back, front crawl, breast, side, and back crawl strokes; safety skills; opportunity for Red Cross certificate.

Three hours each week.

55 Synchronized Swimming

Offered on Demand.

Strokes, stunts, and skills: beginning through advanced level; creative experience in solo, duet, and team routines.
Prerequisite: Intermediate Swimming 53 or higher level.

Three hours each week. May be repeated for credit.

57 Advanced Life Saving

1 Hr.

Provides the student with the knowledge and skills designed to save his own life or the life of another if the emergency arises; also Red Cross certificate.

Three hours each week.

58 Water Safety Instructor's Course

1 Hr.

Increased knowledge, judgment, and teaching skill for training others; Red Cross certificate.
Prerequisite: Senior Life Saving.

Three hours each week.

61 Beginning Golf

1 Hr.

Fundamentals of golf for those who have little or no golf skill; grip, stance, club selection, etiquette, and rules. Approximately one fifth of class time is devoted to actual play.

Three hours each week. Fee: approximately $12.

63 Advanced Beginning Golf

Hr.

Major emphasis is on the development of a sound golf swing. Attention is also given to putting, sand shots, uneven lies. Approximately one third of the class time is devoted to actual play.
Prerequisite: Beginning Golf 61 or permission of the instructor.

Three hours each week.

Fee: approximately $12.

65 Intermediate Golf

1 Hr.

Emphasis on individual instruction and opportunity for recreational and competitive play.
Prerequisite: Advanced Beginning Golf 63 or permission of the instructor.

Three hours each week.
Fee: approximately $15.

May be repeated for credit.

71 Riding

1 Hr.

Instruction offered at three levels; beginners, intermediate, and advanced; qualified students may hunt by arrangement.

Three hours each week. Fee: $110.

May be repeated for credit.

81 Bowling

Offered on Demand.

Terminology, selection of equipment, instruction in scoring, approach, delivery; tournament play and handicapping.

Three hours each week. Fee plus transportation costs.

May be repeated for credit.

92 Dual and Team Sports

Offered on Demand.

Participation in indoor team and dual sports; fundamental skills in basketball, volleyball, badminton, and deck tennis.

Three hours each week.

May be repeated for credit.

94 Gymnastics

1 Hr.

Emphasis on basic tumbling techniques combined in floor exercise, uneven parallel bars, vaulting, and balance beam routines.

Three hours each week.

May be repeated for credit.

95 Skiing (Snow)

Offered on demand.

Taught by professional instructors, accompanied by Queens physical education instructor, January Term. A fee will be charged which will cover equipment, instruction, lodging, four to five hours on slopes each day.

Permission of parents or guardian required.

May be repeated for credit.

Psychology

The department emphasizes the development of an understanding of factors important in determining behavior. Introductory courses present basic psychological principles and their applications to various areas of life. Upper level courses provide opportunities for further work in areas of special interest. Training is provided in subject matter of the field and in techniques of data gathering and analysis.

Careers

Opportunities exist for utilizing this training in community settings. Work provides bases for graduate study in areas of psychology, education, social sciences, social work, and related fields. Major study in psychology may lead to careers in personnel, social work, mental health, and similar positions. Students interested in preparing for social work may complete the program outlined under sociology.

Major

Psychology 201, 205, 306, 306L, 401, and at least 19 additional hours in the department as approved by the major advisor. Mathematics 105 or 112 is required for a major in psychology. Biology 112 and Philosophy 203 are recommended.

Minor

18 Hrs.

Psychology 201; one course from Psychology 209, 308, 319; one course from Psychology 302, 303, 304; one course from Psychology 311, 314, 412; two courses from the entire departmental offerings. A student planning on minoring in psychology should check with a departmental member.

Distributed Requirements

The requirement Area V may be met by Psychology 201. Psychology majors may not use psychology courses to fulfill Area V Distributed Requirements.

Prerequisite

Psychology 201 is prerequisite to all other psychology courses.

201 General Psychology

3 Hrs.

Survey of the field of psychology emphasizing the results of scientific investigations in the area of behavior.

205 Statistical Methods in Psychology

3 Hrs.

Elementary study of statistical methods used in behavioral research, including consideration of both descriptive and inferential statistics.
Prerequisite: Mathematics 105 or 112.

Open to students majoring in psycholog

209 Child Psychology

3 Hrs.

Study of development processes from conception to puberty, with emphasis or theory, principles, and recent research; opportunities for working with children various settings in the community, such as day care centers and public schools.

302 Psychology of Personality

3 Hrs.

Survey of selected theories of personalit study of principles of personality development, and consideration of assessment techniques.

303 Social Psychology

3 Hrs.

Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perception, and the behavior of the individual in groups.

This course may be taken for credit in sociology.

303L Experimental Social Psychology

1 Hr.

Conducting experiments in areas of soci psychology such as attitude change, conformity, and leadership. Consideratio of special problems of research design and technique peculiar to the area of social psychology.
Prerequisite or *Corequisite:* Psychology 303.

3 hrs. laboratory per week.

304 Abnormal Psychology

3 Hrs.

Study of the deviant individual from both the dynamic and behavioral viewpoints; diagnosis, etiology, treatment, and prevention of maladaptive behavior.

306 Experimental Methods in Psychology

3 *Hrs.*

Application of experimental methods to problems in perception, learning, and social behavior; principles of research, ncluding experimental design, use of apparatus, and procedural and statistical control.
Prerequisite: Psychology 205.

This course must be taken concurrently with Psychology 306L.

306L Laboratory in Experimental Psychology

Hr.

Study of techniques and procedures of psychological research, including experiments in learning, perception, ensory processes, motivation, and social behavior, as well as the use of library esources and the preparation of research eports.
Prerequisite: Psychology 205.

Three hours laboratory per week.

This course must be taken concurrently with Psychology 306.

08 The Exceptional Child

Hrs.

tudy of the psychological problems of hildren who deviate from normative atterns of growth and development; pportunities for working with children n various settings in the community.

rerequisite: Psychology 209 or permission f the instructor.

11 Psychological Tests

Hrs.

ntroductory study of principles of test valuation and interpretation; consideraon of examples of the major types of sychological tests in reference to these rinciples.

14 Psychology of Learning

Hrs.

urvey of empirical findings on espondent and operant conditioning, and n human verbal learning, with onsideration of research methods and esign; critical examination of historical nd contemporary learning theory.

315 Laboratory in Conditioning and Learning

1 Hr.

Conducting experiments in respondent and operant conditioning using both human and animal subjects, as well as conducting experiments in human verbal learning.
Prerequisite or *Corequisites* Psychology 314.

Three hours laboratory per week.

319 Psychology of Adolescence and Adulthood

3 *Hrs.*

Study of developmental processes from puberty to old age, with emphasis on theory, principles, and recent research.

351 Practicum in Psychological Services

3 *Hrs.*

Placement in a local agency for supervised experience in programs stressing psychological services. Possible service areas include learning development, mental health, mental retardation, juvenile delinquency, drug abuse, assessment, psychological aspects of music therapy and art therapy. Evaluation of experiences and related readings in weekly seminars.

Admission by permission of instructor.

May be repeated once. Credit received for the repetition may not be applied toward a major in psychology.

Two hours seminar and five hours field work a week.

401 Advanced General Psychology

3 *Hrs.*

Consideration of the major areas of psychology from classical positions through contemporary viewpoints and research.

412 Physiological Psychology

3 *Hrs.*

Introduction to the nervous system and internal environment and their effects upon behavior; normal and abnormal conditions discussed with respect to sensation, learning, emotion, and motivation.

413 Laboratory in Physiological Psychology

1 Hr.

Conducting experiments and laboratory exercises in areas of physiological psychology, including neuroanatomy,

endocrine functions, brain stimulation, and drug effects.
Prerequisite or Corequisite: Psychology 412.

Three hours laboratory per week.

449, 450 Independent Research

1, 3 Hrs.

Opportunity for independent investigation of topics by means of reading and/or experimentation; first term devoted to formulating the problem, determining its method of investigation, and compiling a bibliography; second term, to collecting the data and writing a report.
Prerequisite: Permission of the department; also, Psychology 449 prerequisite to Psychology 450.

451 Seminar in Psychology

Offered when there is sufficient demand—1, 2, or 3 Hrs.

Seminar dealing with areas of psychology not covered in the regularly scheduled courses such as personnel psychology and behavior modification.

Admission by permission of instructor.

452 Directed Readings in Psychology

1, 2, or 3 Hrs.

Independent investigation of a topic through a program of directed readings; oral examination conducted by department members.

Admission by permission of instructor.

May be repeated.

Division of Fine Arts

rofessors: N. E. Duncan, Lammers, ay, Stegner. Assistant Professors: rown, Harmeyer, Pfingstag, Saunders, ica. Instructors: Memory, Nitsch. ecturers: Roberts, Stigall, Tritt.

rt and Design

he Department of Art and Design ffers varied programs leading to the achelor of Arts Degree. The curricula re designed to prepare students for raduate study, teaching, museum work, nd professional careers in Art and esign areas. Studio experiences are alanced by courses in art history and e liberal arts to strengthen the umanistic base of the programs. The ssential aim of the programs is to evelop intellectual and performance bilities, and assure a sound foundation r further development of the student, r for her entry into a professional eld.

ajor Bachelor of Arts

here are five areas of concentration. ajor requirements are:

wo-Dimensional Concentration (Painting, rawing, Printmaking, Photography): Art 4, 111, 112, 133, 134, 202, 203, 204, 2, 310, one 300-level course in art story, two art courses at the 300-level above, and 499.

hree-Dimensional Concentration eramics, Sculpture): Art 104, 111, 2, 133, 134, 203, 223, 303, 324, 3, one 300-level course in art history, o art courses at 300-level or above, d 499.

raphic Design: Art 104, 111, 112, 133, 4, 310, 327, 340, 345, 350, 351, 404, 8, and 499.

t History: Art 111, 112, 328, 329, 330, 7, and 3 courses in the studio area he following are suggested, as they do t involve prerequisites, nor do they sume studio expertise: Art 101, 223, 7, 345, 380).

merican Art/Museum Studies: Art 101, 1, 112, 307, 308, 340, 407, and the llowing courses from the Program in useums, Archives, and Historic Sites: AHS 250, 377, two internships in AHS 475, and Art 499.

Minor

Art 104, 111, 112, 133, 134, 203, or 223, and one additional course at the 300 level or above.

Freshman Portfolio

All incoming freshmen are required to submit samples of their work prior to entry into a studio concentration. In the event of absence of portfolio, or failure of portfolio to meet departmental standards, students will be required to take Art 101 prior to further consideration into the program. Art 101 does not count as major credit or toward distributed requirement for studio concentration students.

Sophomore Review

Sophomore review is required of all majors. It is held at the end of the student's sophomore year (approximately 21 hours of art classes completed). This review is by a full art faculty committee and aids the student in planning her junior and senior years.

Studio concentration students show 10 works in a portfolio and AA/MS students submit one 10-15 page paper to be reviewed.

A student's improvement, basic abilities, and self-discipline are evaluated as to her probable success in completing her chosen concentration in the major, and in her potential for subsequent success in the field after graduation. The evaluation takes the form of an oral critique with suggestions and comments for the student's information.

Distributed Requirements

Art 101 and all art history courses will fulfill distributed requirements. Studio courses may be taken on a Pass/No Record basis.

Internships

Internships are an integral part of all programs within the department, and provide the student with valuable practical experience in all professional areas.

101 Introduction to Art

3 Hrs.

Designed for the student with little or no art experience who wishes to gain some understanding of fundamental concepts necessary for the visualization of an idea.

Involves aspects of lecture and studio procedure. Concepts of line, value, form, structure, space and color will be introduced through periodic slide presentations. Exploration of such media as pencil, pen and ink, charcoal and acrylic paint. Subject matter: still-life and landscape.

104 Drawing I

3 Hrs.

Emphasis on drawing as a means for developing perceptual abilities through close observation of nature, and as an expressive medium for communicating felt responses to subject matter. Exercises in contour, gesture, modelled form, and light, using still life, landscape, and the human figure. Media to include pencil, charcoal, ink, and tempera. Six hours studio a week. Supply Fee $20.

Prerequisite: Portfolio approval

111 Ancient to Early Renaissance Art

3 Hrs.

Survey of stylistic developments in architecture, sculpture, painting, and the minor arts of the Mediterranean and European countries from prehistoric times to approximately 1500 A.D.

112 High Renaissance Art to the Present Time

3 Hrs.

Survey of stylistic developments in architecture, sculpture, painting, and the minor arts of Europe and America from approximately 1500 to the present day.

Prerequisite: Art 111 or permission of the instructor.

133 Two-Dimensional Design

3 Hrs.

Exploration of basic elements of line, pattern, texture, in relation to surface concerns of movement, rhythm, and direction; the use of traditional and non-traditional media; various approaches to the organization and interaction of form in two-dimensional space.

Six hours studio a week. Supply Fee $20.

Prerequisite: Portfolio approval.

134 Three-Dimensional Design

3 Hrs.

Exploration of basic elements of three-dimensional form and space; use of a wide variety of materials and tools; various approaches to the organization and interaction of form in three-dimensional space.

Prerequisite: Portfolio approval.

202 Painting I

3 Hrs.

Studies in basic structure and color, with emphasis on pictorial elements interpreted through painting media.
Six hours studio a week.

Prerequisite: Art 133, 104

203 Sculpture I

3 Hrs.

Fundamental studies in the creative organization of space and mass: the technical problems of modeling, casting, and carving.
Six hours studio a week. Supply Fee $25

Prerequisite: Art 104.

204 Drawing II

3 Hrs.

An intermediate course based primarily on the study of the human figure, using a variety of drawing media.

Six hours studio a week. Supply Fee $2

Prerequisite: Art 104.

213 Methods in Art Education

3 Hrs.

Exploration of drawing, design, color, and materials and their application to problems in art for elementary or secondary school pupils.

Four hours studio a week. Supply Fee $1

Prerequisite: Ed. 221, Ed. 310.

223 Ceramics

3 Hrs.

Fundamentals of both hand building and throwing on the potter's wheel. Hand building techniques will include pinch, coil, and slab construction. Glaze instru tions will stress the relationship between form and color.

Six hours a week. Supply Fee $35.

300 Principles of Art Education

3 Hrs.

Exploration of historical and contempora approaches to art education, with classroom observation in local schools.

Prerequisite: Ed. 221, Ed. 310.

302 Painting II

3 Hrs.

Advanced study with an emphasis on the individual development and experimentation in a chosen painting medium.
Six hours studio a week.

Prerequisite: Art 202.

303 Sculpture II

3 Hrs.

Examination of the human form as basis for sculptural expression; special attention placed on anatomical studies, interrelationship of body parts, proportions, and life studies.

304 Drawing III

3 Hrs.

An advanced drawing course encouraging an independent and critical attitude and approach through more extended, student-directed studies in a wide variety of media, including work in color.

Prerequisite: Art 204

305 European Art

3 Hrs.

Class session in Vienna five weeks—Offered only in the Queens European Program, The Institute of European Studies.

European painting, sculpture, architecture, artifacts, and jewelry observed during the Queens European Program. Many class essions in Vienna museums.

307 Art in the United States

Hrs.

Study of the architecture, sculpture, painting, and minor arts of the Colonial period through the present, supplying ourses in American social and political history.

Prerequisite: Art 111, 112, or permission f instructor.

308 Crafts and Design in the United States

Hrs.

study of the broad range of design pplications to utilitarian uses, including arly Indian artifacts, colonial housewares, furniture, and the impact of modern technology on the crafts and esign field.

Prerequisite: Art 111, 112, or permission f instructor.

310 Printmaking I

3 Hrs.

Exploration of the basic principles of printmaking through such media as wood cuts, linoleum cuts, or serigraphy. Pictorial composition, sound procedure, and techniques are stressed in the program.

Six hours studio a week. Supply Fee $25.

Prerequisite: Art 104, 133.

324 Ceramics II

3 Hrs.

Further exploration of ceramic possibilities including advanced throwing techniques, larger hand construction projects as well as basic glaze formulation theory.

Six hours studio a week. Supply Fee $35.

Prerequisite: Art 223

327 Photography

3 Hrs.

Open to Art Majors primarily. Photography used as an expressive medium and as a tool for exploring visual experience. Emphasis will be on selection and treatment of subject matter. Students will learn necessary skills in photographic technique and be acquainted with the historical development of photography.

328 Nineteenth Century Painting

3 Hrs.

Study and analysis of painting from the time of David through the Post-Impressionists and resulting influence upon the development of art in the 20th century.

Prerequisite: Art 111 or 112 or permission of the instructor.

329 Twentieth Century Painting

3 Hrs.

Historical study of international artistic expressions of the 20th century and discussions of trends and aesthetics of contemporary art.

Prerequisite: Art 111, 112, or permission of the instructor.

330 The Age of Rembrandt

3 Hrs.—On Demand

An extensive survey of painters and paintings in seventeenth-century Holland, including such figures as Frans Hals, Rembrandt, and Jan Vermeer. Focus on the development of various categories of Dutch painting: seascape, still life, landscape, group portraiture, interior scenes. Attention given to the general background of ideas and events which shaped this national art.

Prerequisite: Art 111, 112, or permission of instructor. This course fulfills the distributed requirement, in Area VI.

340 History of Graphic Design

3 Hrs.

A survey of the varied forms, processes, and applications of graphic communication, from antiquity to the more sophisticated techniques and approaches of the contemporary designer.

345 Letter Forms

3 Hrs.

Historical and psychological meanings of letters, including a variety of hand and mechanical methods of lettering in use today.

350 Techniques in Graphic Design

3 Hrs.

A practical study of the technical considerations and methods used in preparation of art for various printing processes; supplemented by periodic trips to graphic studios and printing plants.

Prerequisite: Art 133.

351 Concepts in Graphic Design

3 Hrs.

Focus on design problems of organization, layout, and presentation of ideas within a variety of communications media.

Prerequisite: Art 350.

380 Crafts

3 Hrs.

An experience with various crafts, i.e., macrame, tie dye, enamelling, weaving. Required for K-12 art specialty teaching certificate, elective for early childhood and intermediate certification candidates. Team taught.

384 Ceramic Design

3 Hrs.

Students would develop a repertoire of original decorations and learn to adapt them to a variety of forms. This course would include extensive exposure to the history of ceramic forms and decoration with particular emphasis on post-World War II developments. To integrate the design experience, joint lectures and demonstrations would be scheduled with painting and drawing classes.

Prerequisite: Art 324, 134.

402 Painting III

3 Hrs.

Further exploration in painting on an independent study basis.

Prerequisite: Art 202, 302.

403 Sculpture III

3 Hrs.

Advanced studies in form and methods relating to the design and construction of three-dimensional objects. Six hours studio a week. Supply Fee $25.

Prerequisite: Art 303.

404 Illustration

3 Hrs.

Advanced class using a variety of painting drawing, and photographic material in the design and execution of illustrations for printed matter.

Prerequisite: Art 204.

407 Topics in Art History

3 Hrs.

Focus on specific questions of style, traditions, and influence as they relate to the emergence and development of art in Europe and America. Topics to be announced annually.

Prerequisite: Art 111, 112, or permission of the instructor.

410 Printmaking II

3 Hrs.

Continued study in relief printing techniques and serigraphy; encouragement of independent exploration within the medium through student-directed assignments.

Six hours studio a week.

Prerequisite: Art 310

444 Ceramic Materials

3 Hrs.

This course would cover clay materials, glaze chemistry and firing techniques. Students would investigate the physical properties and potentialities of glaze materials. They would learn to do glaze calculations to create original glazes and to alter glaze characteristics. Special attention would be paid to native North

Carolina materials in the above work. Students would apply this research when learning to fire the existing gas reduction kiln at Queens.

Prerequisite: Art 134, 324.

450 Problems in Art

3 Hrs.

Advanced work in specialized areas of art for students with unusual talent and scholarship. No student may take work in more than two areas. Admission by permission of the department.

Supply Fee: To be determined by project.

460 Sources and Concepts

3 Hrs.

A seminar course, based on discussions of the participant's studio work. Specifically an examination of concepts and sources from two perspectives: (1) from the student's personal development and experience and (2) from related readings in art history, criticism, psychology, philosophy, and other disciplines.

Prerequisite: Art 111, 112, or permission of the instructor.

484 Kiln Construction

3 Hrs.

As students studied the historical development of firing techniques they would concurrently construct working kiln models. These would range from the most primitive open firings to modern electric kilns. Work fired by all methods would be examined in the light of the varied affects on clay of different fuels and firings. The ecological ramifications of different fuels would also be considered. Contemporary materials and industrial procedures would be studied through visits and internships with clay manufacturers in the state.

Prerequisite: Art 324.

498 Professional Internship

3 Hrs.

Practical experience under professional supervision outside the college in a variety of areas, such as advertising agencies, art studios, museums, galleries, community art centers, and art workshops. Required of graphic design majors, an elective for studio concentration majors, and crosslisted with MAHS 475 for AA/MS majors.

Prerequisite: Junior standing.

499 Senior Thesis

1 Hr.

A final project to be worked out between adviser and student during senior year, to be presented before the art faculty prior to graduation.

Music

The music department puts emphasis upon the individual purpose of each student whether she is pursuing music as a professional career, developing a special ability, studying to become a teacher, or is interested in music as a part of her liberal education. Small classes allow personal attention, and students receive private instruction under teachers who are performing artists.* Ensemble work is stressed through participation in the musical organizations of the college. The more advanced students have many opportunities for group and solo performances in the City of Charlotte through local organizations such as the Charlotte Opera Association, the Oratorio Singers, the Charlotte Symphony Orchestra, and church choirs.

Bachelor of Arts

Forty credit hours in music including Music 100, 103, 104, 113, 114, 203, 204, 213, 214, 307, 308, 407; Physics 103; at least two years of ensemble work** (choir, chorus, and/or instrumental ensemble); attendance at a specified number of public recitals of students and faculty; and at least one credit hour of private training in applied music for four terms. At least 18 of the 40 hours shall be in courses numbered 300 and above. The following fields can be elected for special emphasis under this degree: general music, applied music, history and literature, sacred music, and theory.

Bachelor of Music

Candidates are required to fulfill the same distributed requirements as those required of all liberal arts candidates. Also required are Music 100, 103, 104, 113, 114, 203, 204, 213, 214, 307, 308, 320 (not required for music therapy majors), 407; Physics 103; six to eight credit hours ensemble work (choir, chorus and/or instrumental ensemble;

**Arrangements can be made for study of any orchestral instrument not listed in this section.*

***Credit hours gained in courses marked with an asterisk may not be counted toward the 40 hours music concentration under the B.A. program in music.*

only four hours required in music therapy); attendance at a specified number of public recitals of students and faculty and the following:

1. In Applied Music: Thirty-eight hours of music apportioned as follows: 21 to 24 hours in a chosen instrument, half-recital in junior year, Music 400, 313-314 or 413-414 (piano majors only), three to six additional hours in music courses, and four additional hours (in four terms) in other applied music. Voice majors are required to achieve the proficiency level on the completion of the second year of study in a foreign language. At the end of the sophomore year a qualifying examination will be given in the major applied area.

2. In Music Education: Music 75, 95 321, 321L, 322, 322L, 415, 416, and no less than 14 credit hours in a major performance area and four credit hours in a minor performance area. (See music bulletin for musical and technical standards in performance areas.)

3. In Piano Pedagogy: Fifteen to 17 credit hours in piano (including Music 95, Functional Piano Class); half recital; Music 313, 314; 413, 414; 417, 418; at least nine additional hours in music; Psychology 201, Education 310, and Psychology 209 or 319.

4. In Sacred Music:

(a) Emphasis in organ: Music 75, 95, 210, 315, 316, 317, 415, 415L, 416, 475 (3 hrs.), 15 to 17 hours in organ (including Music 400); Religion 103, 205, 206, and four terms in a minor applied area.

(b) Emphasis in conducting: Music 95, 210, 315, 316, 317, 415, 415L, 416, 475 (6 hrs.), minimum of 4 terms in organ or piano, minimum of 4 terms in voice; Religion 103, 205, 206.

5. In Music Therapy: Music 75, 95, 171b, 209, 321, 321L, 322, 322L, 415, 416, a minimum of three credit hours in a principal applied instrument, a minimum of 1 credit hour in a minor applied instrument and elective hours in music to bring the total to 60 hours; music therapy courses 117, 121, 401, 402, 404, 405, and 456; in addition, there are required and recommended courses in a variety of areas including psychology, sociology, speech and drama. These courses are detailed in a special bulletin on music therapy.

Minor

The following courses totaling 24 credit hours are required for a minor in the field of music: Music 100 plus three additional hours chosen from Music 307 308, or 407; Music 103, 104, 113, 114; four credit-hours in applied music and/ ensemble; six credit-hours of music electives.

Distributed Requirements

Distributed Requirements, Area VI, ca be satisfied by Music 100, 103, 207, 315, 316, 317.

100 Introduction to Music

3 Hrs.

Study of the basic materials of music, survey of the important composers, and examination of selected masterpieces wit reference to cultural background; technical knowledge of music not necessary for enrollment.

103 Beginning Theory and Composition I

3 Hrs.

Fundamentals of notation, tonality, scale and modes, interval and triadic structure. Elementary characteristics of melodic form. Four-part writing in a homophonic style using triadic structures. Analysis of chorale style involving triads, seventh chords, modulation, nonharmonic tones.

104 Beginning Theory and Composition II

3 Hrs.

Part writing in a homophonic style usin triadic structures, seventh chords, nonharmonic tones, modulation, secondary chords, and other chromatic harmonies. Introduction to and analysis of smaller forms. Keyboard exercises.
Prerequisite: Music 103.

113, 114 Elementary Sightsinging and Ear-Training

1 Hr., 1 Hr.

Study and application of techniques of music reading and identification of sound Audition required. Grading is Pass/No Record for all students enrolled. Course is completed at any time during the term when proficiency has been achieved.

117 Introduction to Music Therapy

2 Hrs.

Orientation to the field of music therapy through lectures, readings, films, and field trips to clinical centers. Historical bases for music in therapy and current trends are studied. Aspects of music therapy as a career are discussed to encourage self-exploration regarding music therapy as a major and/or profession. Open to all students.

121 Observation and/or Participation in Music Therapy (Practicum)

1 Hr.

Observation and skills and measurement systems are introduced, followed by field placement in clinical centers in which activities therapists are employed. The instructor will act as liaison among agency, therapist, college and student. Introduces student to active participation in therapeutic activities and client-helper relationships. May be repeated up to three credit hours.
Prerequisite: Music 117.

203 Intermediate Theory and Composition I

3 Hrs.

Two and three-voiced writing in the contrapuntal and harmonic style. Study of basic contrapuntal forms. Further study and review of nondominant seventh chords and chromatic harmony. Analysis, written exercises, and keyboard exercises.
Prerequisite: Music 104.

204 Intermediate Theory and Composition II

3 Hrs.

A study of basic homophonic forms. Introduction to compositional techniques of the 20th century and possibilities of melodic, harmonic, and tonal expansion. Analysis and written exercises.
Prerequisite: Music 203.

207 Music in America

3 Hrs.

A survey of music and musical practices n the United States from colonial times o the present, with particular emphasis on those inherent qualities which have permeated America's serious and popular music over the past three centuries. No musical background necessary.

208 Piano Technology

Hrs.

An introductory study of piano technology with special emphasis on the practical pplication of tuning, elementary repair nd maintenance.

Admission of non-music majors by permission of instructor.

209 Recreational Music

Hrs.

Lectures and Leadership Labs are tructured to develop skills and resource materials in the use of music in recreaional group activities. The therapeutic value of recreational music is emphasized. Open to all students. (Functional piano, guitar or voice skills recommended.)

210 English and Latin Diction for Singers

1 Hr.

Designed to help directors of choral groups teach correct pronunciation and expressive use of words.

213, 214 Intermediate Sightsinging and Ear-Training

1 Hr., 1 Hr.

Study and application of techniques of music reading and identification of sound. Audition required. Grading is Pass/No Record for all students enrolled. Course is completed at any time during the term when proficiency has been achieved.

230 Music Methods for Elementary Teachers

3 Hrs.

Material and methods of teaching music in the elementary school with emphasis on techniques of teaching music fundamentals, supervising performing activities, and helping the elementary child to become an intelligent listener.

Prerequisite: Music 100 and some basic knowledge of the fundamentals of music theory and elementary piano playing demonstrated on examination, or by one term of private piano study.

307 Music From the Ancient Greeks Through the Baroque Era

3 Hrs.

Study of the broad aspects of music in Western civilization from approximately 500 B.C. through the Baroque era; emphasis on representative composers and forms.

Prerequisite: Music 100

308 Music in the Classical and Romantic Eras

3 Hrs.

Study of the newly perfected forms of orchestral, chamber, and keyboard music as found in the works of Haydn, Mozart, and the earlier Beethoven; and of the progression of the romantic element in music of the 19th century and composers involved.

Prerequisite: Music 100.

313, 314 Elementary Piano Pedagogy and Materials

3 Hrs., 3 Hrs.

Topics in methods, piano-readiness, musicianship, theory, technique, and interpretation as they pertain to the first four years of piano study; extensive survey and evaluation of pedagogical materials. Observation of piano teachers and supervised student teaching in piano at the elementary level.

Prerequisite: Music 95 or permission of instructor.

315 Hymnology and Choral Literature

3 Hrs.

The study of the hymn and hymn writers. The poetic and metrical form of the hymn. The philosophy and use of the hymn in worship. An historical and stylistic survey of choral literature for use in the church.

316 Church Liturgies and Music

3 Hrs.

Background and review of the liturgies and music of all branches of the Christian church. Background begins with Hebrews, and study continues with the Greek, Roman, Anglican, Lutheran, and Reformed faiths.

317 The Organ in Church Service

3 Hrs.

Instruction in church service playing, with emphasis in repertoire, hymn playing, choir accompaniment, modulation, improvisation and discusssion of electronic organs in use today.

319 Study of a Composer

3 Hrs.

Each term that this course is offered one composer will be selected for an in-depth examination of his life, works, style, and influence on his contemporaries and followers.

Prerequisite: Music 100. May be taken more than once with different composers studied.

320 Seminar in Applied Analysis

3 Hrs.

Independent study and analysis of compositional techniques and formal styles of compositions studied in music literature and applied music classes. Class seminar meetings.

Prerequisite: Music 204.

321 Methods for Public School Music Teachers I

2 Hrs.

Materials, theories, and techniques involved in teaching of all areas of mu in the elementary school. Introduction materials, theories and techniques involved in teaching instrumental mus in the elementary and junior high schoo observations of local school groups. Cl meets three 50-minute sessions per we

321L Music Education String Lab.

1 Hr.

Two weekly sessions of 50 minutes ea in which music education students are taught techniques of playing and teachi string instruments. Should be taken concurrently with Music 321.

322 Methods for Public School Music Teachers II

2 Hrs.

Continuation of the study of instrument music in the public schools with empha on the high school; materials, theories and techniques involved in teaching chor music in junior and senior high school; observations of local school groups. Clas meets three 50-minute periods per wee

322L Music Education Wind and Percussion Lab

1 Hr.

Two weekly sessions of 50 minutes eac in which music education students are taught techniques of playing and teachi woodwind, brass, and percussion instruments. Should be taken concurrently wi Music 322.

400 Senior Recital

1 Hr.

The preparation and performance of a fu public solo recital in the major instrumen Grading is Pass/No Record for all student enrolled.

401 Psychology of Music I

2 Hrs.

Basic acoustics, the ear and hearing, an the cognitive, psycho-socio-physiological processes involved in music behavior ar examined. Affective and physiological responses to music are studied through review of literature. Applications to musi therapy techniques are discussed. Open t all students.

Prerequisite: Psychology 201

402 Psychology of Music II

2 Hrs.

Consideration of research methods applied to psychology of music problems through a literature review is followed by a mini-research project by each student. Special laboratory equipment used in psychoacoustical research is introduced. Behavior modification and experimental research methods are emphasized.

Prerequisite: Music 401.

403 Interpersonal and Group Dynamics

1 Hr.

Intense small-group experiences are structured to increase awareness of and provide practice in interpersonal and group dynamics. Information regarding group membership roles and helper-helpee relationships is provided, accompanied by a video-taped instructional program (to be determined), role-playing, and feedback sessions.

Open to all students Junior level or above, or permission of instructor.

404 Influences of Music on Behavior

3 Hrs.

Theoretical constructs and rationale for the use of music in therapy and experimental evidence supporting various music therapy echniques are examined through a iterature review, lectures, and discussion. Open to music therapy seniors.

405 Methods and Procedures in Music Therapy

Hrs.

Development of music therapy procedures pplicable to specific treatment popula-ions and practice in applying music as herapy are provided through lectures and ield placement throughout the course. A model for treatment planning, implemen-ation, evaluation, and reporting is resented. Resource development is mphasized.

rerequisite: Music 404.

07 Music Literature of the wentieth Century

Hrs.

tudy of the development of music during he 20th century beginning with the works f Debussy and Mahler; aspects, means of xpression, and present day tendencies xamined and discussed through the use of ontemporary masterpieces.

rerequisite: Music 100.

408 Composition

3 Hrs.

Creative expression in various musical media based on a study of traditional and 20th century forms and techniques of composition; suitable compositions performed in workshop recitals.

Admission by permission of the instructor.

413, 414 Advanced Piano Pedagogy and Literature

2 Hrs., 2 Hrs.

For use in teaching the more advanced student; comprehensive survey of the literature of the piano, with discussion of musicianship; technique, theory, and interpretation. Students concentrating in piano pedagogy should take Music 417-418 concurrently.

415 Choral Conducting and Arranging

3 Hrs.

Basic conducting techniques and choral arranging applied to the specific task of producing music with a choir.
Prerequisite: At least one year of choir experience, and Music 204 or permission of the instructor.

415L Conducting Lab

1 Hr.

Individual attention is given to each student's technical development in conducting.

416 Instrumental Conducting and Arranging

3 Hrs.

Techniques of score reading and orchestral conducting as developed from a study and understanding of fundamentals of orchestration; laboratory experience in conducting.

Prerequisite: Music 204 or permission of the instructor.

417, 418 Supervised Student Teaching in Piano

1 Hr., 1 Hr.

Observation of piano teachers and supervised student teaching in piano at the elementary level.

Prerequisite: Music 313, 314

450 Advanced Studies in Music

3 Hrs.

Students who have displayed unusual interest and scholarship in some specific phase of music and have been approved by the faculty in music may pursue this interest under the guidance of an appointed faculty member.

456 Music Therapy Internship

4 Hrs. minimum

A six-month continuous full-time affiliation with an approved clinical facility which follows all course work. The intern will perform assigned music therapy duties under the supervision of an experienced registered music therapist. Open to music therapy majors who have completed all course work.

475 Practicum in Sacred Music

3 Hrs.

Working in local churches to develop a consistent philosophical, theoretical and practical approach to music in worship.

Applied Music

170, 180 Applied Music (For No Credit)

For full-time college students only.

One half-hour private lession in piano, organ, strings, or voice. Attendance at lessons and satisfactory work are expected at all times. See fee schedule in section on financial information.

#†171, 181 Private Instruction in Applied Music and Repertoire Class

1 Hr., 1 Hr.

#†172, 182 Private Instruction in Applied Music and Repertoire Class

2 Hrs., 2 Hrs.

#†173, 183 Private Instruction in Applied Music and Repertoire Class

3 Hrs., 3 Hrs.

This course is open only to Applied Music (performance) majors under the bachelor of music degree program and requires no less than three hours daily practice and two approved public performances (student workshops included) in each term. Freshman performance majors are exempted from the requirement of public performance during Term I.

#††371, 381 Private Instruction in Applied Music and Repertoire Class

1 Hr., 1 Hr.

#††372, 382 Private Instruction in Applied Music and Repertoire Class

2 Hrs., 2 Hrs.

#††373, 383 Private Instruction in Applied Music and Repertoire Class

3 Hrs., 3 Hrs.

This course is open only to Applied Musi
(performance) majors under the Bachelo
of Music degree program and requires n
less than three hours daily practice and two approved public performances (student workshops included) in each term.

Music Classes

*51, 52 Beginners Piano Class

1 Hr., 1 Hr.

Two weekly sessions of 70 minutes eac
in which classes are instructed in the beginning phases of piano playing. Elective for students with no previous training; regular practice required.

*53, 54 Intermediate Piano Class

1 Hr., 1 Hr.

One weekly session of 70 minutes in whic
classes are instructed in the intermediat
phases of piano playing; regular practice required.

*61, 62 Beginners String Class

1 Hr., 1 Hr.

Two weekly sessions of 70 minutes each in which students are instructed in the beginning phases of violin, viola, and cel
playing; regular practice required.

*63, 64 Intermediate String Class

1 Hr., 1 Hr.

One weekly session of 70 minutes in which students are instructed in the intermediate phases of violin, viola, and cello playing; regular practice required.

75 Voice Class

1 Hr.

Two weekly sessions of 70 minutes eac
in which students with little or no vocal training are instructed in the basic voc
principles, simple exercises, and songs; regular practice is required.

Required of all students concentrating
music education unless they have con
parable credit in private voice instructio
should be taken as early as possible in t
program of study; open to any student. Grading is Pass/No Record for all studen
enrolled.

3, 84 Chorus

Hr., 1 Hr.

choral organization for singers of erage ability. Grading is Pass/No Record r all students enrolled.

5, 86 Ensembles: (a) Small Ensemble) Orchestra (c) Vocal Coaching**

Hr., 1 Hr.

) Accompanying or work, discussion, d performance in chamber groups: natas, trios, quartets.

) Participation in the Queens Com- unity Orchestra or the Charlotte mphony.

7, 88 Concert Choir

Hr., 1 Hr.

dmission by audition only; repertoire cludes works from the 15th century rough the contemporary period.

Functional Piano Class

Hr.

cludes procedures and skills for profi- ency in reading, harmonization, and ansposition at sight; materials for aching elementary and secondary school usic.

pen to any student with sufficient ckground but designed particularly for udents majoring in some aspect of public hool music or piano pedagogy. The class ill meet for one-hour sessions twice a eek. Grading is Pass/No Record for all udents enrolled. Students may be empted by passing a proficiency amination.

(a) Piano, (b) organ, (c) strings,) voice, (e) harp, guitar, oboe, or other strument; the general aim of private struction is development of all phases of rformance: technique, style, musician- ip, interpretation, and repertoire. ssignments to instructors are made by e chairman of the department, and udents usually remain with the same structor throughout the course of study. ne hour of credit is given to students r each hour of daily practice during the rm. Students registered for two or three edits per term receive 60 minutes of dividual instruction and a one-hour eekly group repertoire or workshop ssion; students registered for one credit r term receive 30 minutes of individual struction and a one-hour weekly group pertoire or workshop session. See fee hedule in section costs. Applied music ay not be taken as Pass/No Record.

†*May be repeated for credit.*

††*Admission to upper level standing only by permission of music faculty or jury examination.*

**Credit hours gained in courses marked with an asterisk may not be counted toward the 40 hours music concentration under the B.A. program in music.*

***The vocal coaching credit cannot be counted towards the ensemble requirement.*

Division of Humanities

Professors: Hadley, Kirby, Newman, Preyer. Visiting Professor Jacobson. Associate Professor Davis. Assistant Professors: Goode, Jacobs, Thompson. Lecturers: Chapman, Johnson, Roberts, Schwartz, Shaw, Wilkerson.

American Studies

American studies is an interdisciplinary major program which allows students to choose, from a number of major areas, courses dealing with American life and culture, and to pursue an analysis of specific areas of American civilization through a senior seminar and independent study projects.

A concentration in American studies encourages students to examine the forces shaping America's civilization, and to integrate a number of academic areas in order to analyze and evaluate the American experience.

Careers

An American studies major should grasp the facts of American culture and intellectual history so that she may integrate the knowledge and research technology from a variety of disciplines into a coherent whole. Through an emphasis in economics or political science a career in public administration, foreign service, or law is possible. Through coordinated study of art, archaeology, and history combined with internships or a practicum, a position in historic preservation is possible; with course work and internships in journalism, a career in newspaper writing may result. Graduate training in American studies is available at an increasing number of universities, with courses offered in conjunction with libraries, museums, or foundations. Through consultation with the education department, social studies or English certification is possible at both intermediate and secondary levels.

Majors

At least nine hours in American history, including 203 and 204; English 331, 332; plus 15 hours at the 300 level in courses with an American emphasis (as listed below) to be chosen in consultation with an American studies advisor. In addition, American studies majors are required to take American Studies 200, 400, and 450.

Minor

At least 18 hours in courses with an American emphasis in addition to American Studies 200, 400, and Ameri Studies Senior Thesis.

Electives

American studies majors may elect thei major program from among the follow courses: Art 307; Business 100; Econom 351; English 328, 329, 333, 352; Hist 325, 389, 392, 393, 394, 396, 397, 398; Music 207; Philosophy 310c; Religion 317, 323; Political Science 201, 308, 3 313, 315, 325, 326; Sociology 325, 340.

200 The American Experience

3 Hrs.

The course will explore significant inte relationships among politics, economics, literature, the arts and religion at select moments of American history. An interdisciplinary course, it will serve as introduction to studies in American culture.

400 Senior Seminar in American Studies

3 Hrs.

Colloquium for American studies major who meet for papers, reports, and lectu to synthesize insights about American society.

450 American Studies Senior Thesis

3 Hrs.

Opportunity for independent investigati of a theme or project to culminate in a written report. (Open to American Studi majors only.)

English

Courses in the department include com position, literature, speech, film, dramati arts, and journalism. Students are encouraged to take courses in all these areas, but courses in speech, film, dramatic arts (unless specified), and journalism do not count towards a regular major in English. Initial course train the student to perceive and evaluate the form, structure, and inner dynamics of any literary work. Advanced courses focus on specialized areas of relevance and are designed to give the student an awareness of ways in which other disciplines can contribute to a fuller understanding of literature.

areers

tudy of literature and composition ffords preparation for professional hools in law and teaching. In addition udents majoring in this department find ieir training applicable to editing, news- aper and television journalism, copy- riting for publishers and advertising gencies. When combined with study in onomics and business, careers may e planned for public relations and ersonnel work. Career opportunities also ist in films, theatre, and many phases creative writing. Students may also otain teaching certificates through ective courses.

tudents interested in drama and theatre ay want to consider the program out- ned in the section on dramatic art.

ajor

nglish 201, English 301, 302, 460; and 3 additional hours. The following courses Dramatic Art will be accepted: 303, 04, 327, 336. Major advisors will consult ith students in career and graduate hool preparation, and in planning ilored programs in journalism, teaching, d drama. Advanced placement will low exemption from 201. Outstanding ajors will be invited by the department participate in a program of special udy which if successfully completed ill result in graduation with Honors in nglish.

inor

nglish 201, 301, 302. English 460 is commended as part of the remaining 2 hours, nine of which must be at the 00 level or above.

istributed Requirements

he requirement, Area I, is met by nglish 101 and 102, to be taken in erms I and II of the freshman year. he requirement, Area VI, in literature, ay be met by English 201 or 217; or, taken in the foreign language depart- ent, by any literature course numbered 00 or above. English majors may not e English courses to fulfill Area VI istributed Requirements.

erequisite

nglish 101, 102 and 201 are prerequisite all English courses numbered 300 above, except with permission of e instructor. Special consideration ill be given, in certain cases, to non- nglish majors who desire to take urses numbered 300 or above.

101 Communications Skills I

3 Hrs.

Course designed to help freshmen to write, read, and speak clearly. Part of the semester will be devoted primarily to speech. The rest of the semester will be devoted to teaching the student how to organize and write an effective short essay. Reading material will be used to stimulate the student's critical insights and to provide thematic content.

102 Communications Skills II

3 Hrs.

This course will emphasize the development of the student's critical standards, and will stress the ability to use research techniques. Some reading will be done to provide thematic content to the course.

Prerequisite: English 101.

101, 102 Communications Workshop

The communications workshop is required as part of English 101, 102. It provides a review center for basic grammar, composition and speech skills in which each student works under supervision and is given individual attention. Slides and films will be shown, from time to time, on topics related to class discussion and to the student's writing and speaking.

109 Business English

2 Hrs.

Basic review of mechanics and composition skills. Some attention to oral as well as written communication. Letter writing and introduction to technical writing.

No credit toward English major or distributed requirements.

201 Introduction to Literature

3 Hrs.

Selected American, English, and European fiction, and drama; interpretive reading and writing based on literature; class discussions, individual conferences, and short papers. Course is prerequisite to all English courses numbered 300 and above, except in certain cases, with approval of instructor.

217 Backgrounds to Western Literature

3 Hrs.

A study of the classical and biblical backgrounds which figure so importantly in the development of the Western literary tradition. While some consideration will be given to the historical and philosophic nature of the works studied the emphasis will be on the works as great literature. Included will be a study of the Bible, Greek drama, the Homeric epic, and Aristotle's *Poetics*.

Open to freshmen, sophomores, and students not concentrating in English, as well as students concentrating in English.

301, 302 Literary History of England

3 Hrs.

Historical and critical exploration of the major periods, forms, and attitudes of English literature from *Beowulf* to the present. Continuities and discontinuities of central developments of English literature will be discussed through texts. Literary examination and judgment as well as writing skills will be stressed.

For sophomores and juniors: 301, 302 need not be taken before other 300 numbered courses, but can be taken simultaneously or later.

307 Advanced Composition

3 Hrs.

Study of principles of writing, with special attention to observation and reflection, form and meaning, modern usage, and effective expression.

308 Creative Writing

Practice in writing and in criticism of the essay, short story, and poem in view of a final piece of sustained, related work, for students with interest in and aptitude for composition.

Admission by permission of instructor.

310 Chaucer

3 Hrs.

Contributions of Chaucer to English verse through close examination of *Canterbury Tales, Troilus and Criseyde,* and lyrics.

311 Medieval Literature

3 Hrs.

Readings in the literature of medieval English, exclusive of Chaucer; a study of representative poetry, prose, and drama of the 13th, 14th, and 15th centuries.

312 The Renaissance

3 Hrs.

Exploration of the major attitudes, forms, and techniques of Renaissance literature with an emphasis on England. Broad connections with related developments in Renaissance art, history, and governmen will also be examined.

313 Shakespeare

3 Hrs.

Representative comedies, histories, tragedies, and romances with emphasis on Shakespeare's development as a dramati artist.

318 The Seventeenth Century

3 Hrs.

Study of poetry, drama, and prose with emphasis on Jonson, Donne and the Metaphysicals, and Milton.

320 Pope and the Augustans

This course will examine the backgroun and nature of great Augustan literature primarily through a close study of major works of Dryden, Swift, and Pope. Core materials will include Dryden's *MacFlecknoe, Absalom and Achitophel;* Swift's *Gulliver's Travels;* Wycherley's *The Country Wife;* Congreve's *Way of t World;* Pope's *Rape of the Lock, Winds Forest, Moral Essays, Imitations,* and *Dunciad.*

322 The Romantics

3 Hrs.

Representative major poetical works of early and late Romantic authors. Key prose documents in the rise and development of Romanticism will also be examined.

324 The Victorian Age

3 Hrs.

Consideration of the major themes and concerns of novelists, poets, and prose writers of the Age of Victoria; emphasis on works of Tennyson, Carlyle, and othe important figures.

325 The Novel

3 Hrs.

Development of the novel as a literary form using selected works of English fiction from the 18th century to the presen

326 Modern British Literature

3 Hrs.

Examination of modern British literature from the turn of the century to the 1950' Emphasis on the work of Joyce, Yeats, Shaw, and the Bloomsbury Group. Centr themes and technical innovations in 20th century poetry, fiction, and drama will be explored.

328 Modern American and English Poets

3 Hrs.

Development of modern poetry from its post-Victorian beginnings to the present; emphasis on Frost, Eliot, Yeats, and Stevens.

329 Identity Conflicts in Modern American Literature

3 Hrs.

Study of conflict between identity in a minority group and identity as an American.

331 American Literature to 1900

3 Hrs.

Study of the particular properties and the major movements of American literature as seen in the works of the major writers to 1900.

332 American Literature Since 1900

3 Hrs.

Study of the particular properties and the major movements of American literature s seen in the works of the major writers ince 1900.

33 Southern Literature

Hrs.

tudy of the growth and development of he literature of the American South. The course will emphasize unique regional ualities of subject, theme, and style.

34 Studies in Linguistics

Hrs.

tudies of the main tenets of structural nguistics and transformational grammar with some attention to the relation between linguistic theories and older heories about language.

41 Spanish Literary Classics

Hrs.

mportant literary works from various periods chosen for their importance and nfluence or reflection on world terature.

ll course work conducted in English.

NOTE: Students may elect this course as panish 341.

42 French Literary Classics

Hrs.

Consideration of major literary works from arious periods chosen for their value as contributions to world literature.

All course work conducted in English.

NOTE: Students may elect this course as French 343.

345 Spanish Drama of the Golden Age

3 Hrs.

Literary background of the Golden Age; reading and evaluation of drama.

All course work conducted in English.

NOTE: Students may elect this course as Spanish 423.

348 Cervantes

3 Hrs.

Study of works of Cervantes, with emphasis on *Don Quixote* and the *Novelas Ejemplares.*

All course work conducted in English.

NOTE: Students may elect this course as Spanish 448.

351 Special Studies in English Literature

3 Hrs.

Intensive consideration of a single problem in English literature. The topic for the course will vary from term to term and may range from a consideration of the work of a major writer to a study of a single genre or intellectual movement. Primarily intended for short term courses. May be taken twice with different subtitles.

352 Special Studies in American Literature

3 Hrs.

Intensive consideration of a single problem in American literature. The topic for the course will vary from term to term and may range from a consideration of the work of a major writer to a study of a single genre or intellectual movement. Primarily intended for short term courses. May be taken twice with different subtitles.

353 Great Writers of Our Time

1-2 Hrs.

Reading and discussion of the major works of a contemporary writer. The course is offered for one hour credit on a P/NR basis with no prerequisite. It may, however, be taken as a regular graded course for two credit hours with the prerequisite of English 201 or permission of the instructor. Students who take this course for two hours of credit will be expected to write a term paper on an approved topic.

This course, featuring a different writer, may be repeated any number of times on a P/NR basis. If taken for graded credit, it may be taken twice.

355 Existential Philosophy in Literature

3 Hrs.

An examination of the themes and ideas of contemporary existential thought as they are embodied in the literary works of authors such as Dostoyevsky, Kafka, Malraux, Sartre, Beckett, Ionesco, and others. The course involves an analysis of such ideas as the nature and destiny of man, the problems of freedom and evil, the notions of alienation and isolation, the idea of the "death of God," and the ontological significance of death and anxiety.

NOTE: Students may elect this course as Philosophy 310d.

357 Practicum in English

3 Hrs.

Practical experience in application of English skills in business, media, or other selected areas. May be repeated for not more than six hours. Only three hours credit applicable to English major. Open primarily to junior and senior majors. Permission of instructor required.

449 Directed Readings in Composition or Literature

1-3 Hrs.

Independent investigation of a topic in composition or literature through a program of directed readings; oral examination conducted by the course supervisor and other members of the department upon invitation. Open to advanced students by permission of the department.

450 Independent Study in Composition or Literature

2-4 Hrs.

Independent investigation of a topic in composition or literature resulting in a research paper which is evaluated by two members of the department. Open to advanced students by permission of the department.

460 Studies in Literature and Criticism

3 Hrs.

Students will read works of literature and interpret them in the light of modern critical theories. Readings will inclu critical essays and selected works by major authors.

Seminar for seniors only.

Dramatic Art and Speech
Program in Drama, Theatre and Speech

Students are offered the option of declaring a major in English with an emphasis in dramatic art. Such a major provides the opportunity for concentrat work in dramatic literature and theatri production. Electives may be chosen fr the related fields of literature, dance, a music. This major will introduce the student to all phases of theatrical and dramatic theory and practice.

Requirements for the program: English 201; Dramatic Art 250, 303, 304, 315, 3 (minimum twice), and 352; 15 additio hours to be selected from English 313 (Shakespeare), Dramatic Art 327 (Modern Drama), 336 (Tragedy), 350 (Advanced Acting), 231 (Film History 232 (Film Criticism), 450 (Directed Study); internship with off-campus thea company or other practical project selected in consultation with advisor.

Total requirement: minimum 35 hours.

103 Voice and Diction

3 Hrs.

An analysis of each student's voice, articulation and pronunciation with t aim of identifying and correcting non standard speech habits. Through use o the International Phonetic Alphabet and language laboratory equipment, concentration will be centered upon the perfection of vowels, diphthong and consonant sounds. Directed exercises wi give the student practice in the impro ment of voice and diction. Dialectical problems are analyzed and corrected.

231 History of Film

3 Hrs.

Introduction and historical analysis of t development of cinema; aesthetics and techniques, movements and genres, mak and performers. Film-viewing and optio film-making.

232 Film Criticism

3 Hrs.

Study of the nature of film as an art for with detailed discussion of individual ilms. An analysis of the backgrounds of ilm-making with some actual use of film quipment.

50 Beginning Acting

Hrs.

ntroduction to the basic principles of heatrical presentation from the viewoint of the actor; relating to self, nvironment, and other actors by way f exercises in relaxation, pantomine, mprovisations, and group work in elected scenes from plays.

55 Oral Interpretations

Hrs.

pproach to an appreciation of literature nd a responsiveness to its intellectual and motional content through training and ractice in communicating it to others. asic principles and techniques in reading oetry, prose, and dramatic literature.

56 Effective Professional Speaking

Hrs.

his course offers practice in professional tuations in which effective oral ommunication is essential. Methodology ombines brief lectures by the instructor ith extensive speaking by the students. mphasis is upon professional speaking tuations, such as lectures, panel iscussions, manuscript reading, and peech making.

03 Major Figures in World Drama: ncient Greece to the Renaissance

Hrs.

urvey of dramatic literature from ancient reece to the Renaissance, with emphasis n the relationship of the plays to the hysical circumstances of theatrical roduction and to the historical and ltural milieu of the period.

04 Major Figures in World Drama: enaissance to Modern

Hrs.

rvey of dramatic literature from the enaissance to the time of Ibsen with nphasis on the relationship of the plays the physical circumstances of theatrical oduction and to the historical and ltural milieu of the period.

15 Principles of Play Production

Hrs.

troduction to principles of scene design, inting, stage lighting, costume design and construction, and makeup for open stage and proscenium stage.

317 Practicum in Play Production

1, 2, or 3 Hrs.

Opportunity for practical application of principles of set construction, lighting, costumes, makeup, publicity, or acting in the production of a play for round or proscenium stage.
Prerequisite: Dramatic Art 315 or special permission of the instructor. This course may be repeated for credit up to six hours.

327 Modern Drama

3 Hrs.

Study of world drama from the realism of Ibsen through naturalism, expressionism, and symbolism to the current avant-garde theatre.

336 Tragedy

3 Hrs.

Explorations of various possibilities of defining tragedy: in terms of the protagonist, a plot, an effect upon the audience, an attitude towards life, or others.

350 Advanced Acting

3 Hrs.

Concentration on perfection of acting technique through an exploration of improvisational techniques, voice and movement, ensemble methods and motivational analysis in relation to specific characters within a given play.
Prerequisite: Dramatic Art 250. This course may be repeated for credit up to six hours.

352 Directing for the Theatre

3 Hrs.

Introduction to the basic principles of theatrical production from the viewpoint of the director; exploration of composition, picturization, movement, rhythm, and pantomimic dramatization in the direction of a one-act play.

450 Directed Studies in Drama, Theatre and Speech

2 - 4 Hrs.

Independent investigation of an area in dramatic literature, theatre or speech. Open to advanced students by permission of the department .

Program in Journalism

Students are offered the option of declaring a major in English with an emphasis in journalism. This course of study provides the opportunity for study in journalism and in journalism-related fields with a view to careers in those areas.

Requirements for the program: English 201, English 301, English 302, 460, and eighteen additional hours at the 300-level or above to include English 307; Journalism 212 (for a total of 4 credit hours), Journalism 205, Journalism 206, Journalism 350 and Journalism 400.

A student in the Journalism Program is required to work for two years on the *Queens Current* for a total of 4 credit hours.

The program also requires Secretarial Practice 101, 102 or equivalent (a typing speed of a minimum 40 words per minute); plus 12 hours chosen from the following courses: Economics 203, English 332, History 204, Political Science 201, Psychology 201 and Sociology 203.

205 An Introduction to Reportorial Journalism

3 Hrs.

Study of newspaper methods and the techniques of news writing; practical experience in reporting.

206 News Writing and Editing

3 Hrs.

Continuation of Journalism 205, designed to give more extensive training in news writing and to acquaint students with elementary problems of editing and make-up. Prerequisite: Journalism 205.

212 Practicum in Journalism

1 Hr.

Practical work in producing the student newspaper or the college yearbook under the direction of a professional journalist. Students will write and edit *Queens Current* or *Coronet.*

This course offers one hour credit in either Term I or Term II, and may be repeated for credit.

350 Independent Study in Journalism

3 Hrs.

This course involves an independent investigation of a period in the history of journalism or of the influence of mass media on contemporary culture or of a topic related to other particular facets of the study of journalism, for example editorial writing, feature writing, lay-out and photography.

400 Journalism Internship

3 Hrs.

This course involves a period of work-study in journalism. Each student will be evaluated by the supervising agency and will write a personal evaluation of the work experience.
Prerequisite: Journalism 205 and 206.

This course may be taken for up to 9 hou of credit.

Foreign Languages and Literatures

Majors in French, Spanish, and Latin-American Studies are available in this department. Major work in any one of these areas provides the basis for graduat study.

Careers

Career opportunities involving language skills include such areas as education, journalism, broadcasting, research, librar science, translation, business, travel, healt services, and employment with the Federal Government. The acquisition of foreign language skills in addition to othe skills increases career options. A special interdisciplinary Business/Foreign Language major provides skills in both areas.

Placement

College Board Foreign Language Achievement Test Scores are used as a guide for placement. At the time of registration, entering students who have taken this test will be informed of their language options. If a student has not taken the College Board Foreign Language Achievement Test, she must take the Foreign Language Department Placement Test if she is continuing the study of the same language she has previously had. A student must be properly placed in a language course before she is eligible for credit.

Study Abroad

Students majoring in foreign languages will be encouraged to study abroad unde the auspices and programs of approved institutions. Foreign language study, whe it occurs as part of such programs, must be approved in advance by the student's language advisor. Credit for such work will be granted only upon receipt of transcripts and/or the successful completion of a departmental examination.

Distributed Requirements

Elementary courses numbered 101 may fulfill the Area II requirement only upon satisfactory completion of the courses numbered 102. Any departmental literature course numbered 300 and above, excluding the Directed Reading courses, will also fulfill the requirement in Area II and also in Area VI.

Business/Foreign Language Major

Students majoring in this interdisciplinary program will acquire business as well as foreign language skills.

The fifteen hours of business courses required for this major include Economics 203 or 204, Business 207 and 310.

Optional courses suggested are Economics 351 and Psychology 303.

The foreign language component of the major would be French and/or Spanish.

Under Option One, the student will select fifteen hours of one foreign language, including 321, 399, and French 310 or Spanish 451. Under Option Two, the student will complete nine hours of one language, including 321, 399, and French 310 or Spanish 451, and six hours of the second language, including 321, and 399.

French

Major

Thirty credit hours of French courses, as approved by the major advisor. At least 18 credit hours are to be from courses numbered 300 and above, including French 472.

Minor

At least 18 hours of courses in French.

Policy

Unless otherwise stated, all 300 and 400 level courses are conducted in French.

Prerequisite

Prerequisites for courses 300 and above are French 201 and 202 or equivalent, or consent of the instructor.
French 315, 316 or equivalent is prerequisite to all other courses in French literature.

101, 102 Elementary French

3, 3 Hrs.

Presentation of the basic structure of the language; first term emphasis on the spoken language; second term, the use of the written language for communication and comprehension. French 101 may fulfill distributed requirements, Area II, upon satisfactory completion of French 102.

200 Directed Readings in French

1-3 Hrs.

Directed study of a topic requiring use of French language sources.
Admission by consent of the instructor.

201 Intermediate French

3 Hrs.

Study of the structure of the language; written and oral composition; reading of literary selections.
Prerequisite: French 102 or equivalent.

202 Intermediate French

3 Hrs.

Reading of literary selections and materials on civilization with discussions in French on works being read. Intensive work in the oral language.
Prerequisite: French 102 or equivalent.

299 Oral Interpretation of French Literature

3 Hrs.

Designed to add another dimension to the appreciation and enjoyment of literature by oral presentation, critical analysis and study of techniques involved in translating that interpretation into oral form.
Prerequisite: French 101 or permission of the instructor.

300 Directed Readings in French

1-3 Hrs.

Directed study of a topic requiring use of French language sources.
Admission by consent of the instructor.

310 French Grammar and Composition

3 Hrs.

Oral and written translations and review of grammar to increase the student's proficiency in the use of the language; conducted mainly in French.

315, 316 Introduction to French Literature

3 Hrs.

Selections to be read are chosen from important authors of the various periods, studied for content and style, as a reflection of the period and as a phase in the development of the literature.

321 French Conversation

3 Hrs.

Oral training accompanied by regular practice in the language laboratory; oral reports and discussions assigned in advance.

325 Nineteenth Century Literature: Romanticism

3 Hrs.

Study of the literary movements of the first half of the century, with emphasis on romanticism in works of prose, poetry, and drama.

326 Nineteenth Century Literature: Realism and Naturalism

3 Hrs.

Literary movements of the last half of the century; emphasis on the development of realism and naturalism and the reaction to these.

341 Twentieth Century Literature: Prose Writers

3 Hrs.

Novelists and essayists including Gide, Proust, Mauriac, Sartre, Simone de Beauvoir, Camus; also the new novel.

342 Twentieth Century Literature: Drama and Poetry

3 Hrs.

Including works of Claudel, Giraudoux, Cocteau, Anouilh, Sartre; also Theatre of the Absurd; poetry of Valery, Appollinaire, and the surrealists.

343 French Literary Classics

3 Hrs.

Consideration of major literary works from various periods of French literature, chosen for their values as contribution to world literature.

Works to be read in the original, papers and tests to be written in French.

NOTE: Students may elect this course as English 343, with all course work conducted in English.

350 Practicum in French

1 - 2 Hrs.

Supervised experience in a situation where the language must be used. Admission by permission of the instructor.

399 Problems of Translation

3 Hrs.

An intensive program emphasizing readi comprehension and vocabulary development in the student's area of interest: business, science, humanities, fine arts, et *Prerequisite:* French 201.

400 Directed Readings in French

1-3 Hrs.

Directed study of a topic requiring the use of French language sources. Admission by consent of the instructor.

442 Problems in Teaching Modern Language (French)

1 Hr.

Required for students in the secondary education program, taken concurrently with Education 442; designed to give special attention to problems and techniques found in the teaching of modern languages. One hour per week throughout the term.

471 Independent Research

1 - 3 Hrs.

A one-term research program in French preparatory to senior independent study.

472 Senior Independent Study

3 - 4 Hrs.

Study of a topic of special interest to th student. Presentation of the study, writte in French, will be made and defended before a review committee. *Prerequisite:* French 471.

Spanish

Major

Spanish: Thirty credit hours of Spanish courses, of which at least 18 credit hours are from Spanish courses numbered 300 and above, including 301, 302, and 472. Latin-American Studies: Spanish 301, 302, 322, 431, 432, and 476; and nine hours of courses 300 level or above in economics, history and political science, and sociology, as approved by the major advisor.

Minor

Minor in Spanish: At least 18 hours of courses in Spanish including Spanish 321. Minor in Latin-American Studies: At least 18 hours of courses in Spanish including Spanish 321, 431 and 432.

Policy

Unless otherwise stated all 300 and 400 level courses are conducted in Spanish.

Prerequisite

Prerequisite for courses 300 or above are Spanish 201 and 202 or their equivalent or consent of the instructor.

101, 102 Elementary Spanish

3 Hrs.

Presentation of basic grammatical structure with emphasis on correct oral and written use of the language; introduction to the Hispanic civilization. Spanish 101 may fulfill distributed requirements, Area II, upon satisfactory completion of Spanish 102.

200 Directed Readings in Spanish

1-3 Hrs.

Directed study of a topic requiring use of Spanish language sources.
Admission by consent of the instructor.

201 Intermediate Spanish

3 Hrs.

Review and more advanced study of the language with emphasis placed on structure and the written expression of thoughts.
Prerequisite: Spanish 101, 102, or equivalent.

202 Intermediate Spanish

3 Hrs.

Review and more advanced study of the language with emphasis placed on oral use; introduction to the civilization of Spain; reading of short literary selections.
Prerequisite: Spanish 101, 102 or equivalent.

300 Directed Readings in Spanish

1-3 Hrs.

Directed study of a topic requiring use of Spanish language sources.
Admission by consent of the instructor.

301, 302 Study of Hispanic Literature

3 Hrs.

Introduction to Spanish literature, its historical background, and important trends developed through reading and discussion of significant works.

321 Spanish Conversation

3 Hrs.

Advanced training in speaking, report making, and comprehension; continued stress on pronunciation, intonation, and on correct modes of expression. Introduction to literary concepts.

322 Advanced Spanish Conversation

3 Hrs.

Current socio-political problems of Latin American discussed through the works of Latin-American essayists and short story writers.
Prerequisite: Spanish 321 or consent of the instructor.

341 Spanish Literary Classics

3 Hrs.

Major literary works from various periods of Spanish literature chosen for their value as contributions to world literature. Works to be read in original, papers and tests to be written in Spanish.

NOTE: Students may elect this course as English 341, with all course work conducted in English.

399 Commercial Spanish and Translating

3 Hrs.

The course will include the study of various types of letters, order forms, contracts, checks, receipts, bank drafts, and the translating and writing of various types of business letters.

400 Directed Readings in Spanish

1-3 Hrs.

Directed study of a topic requiring the use of Spanish language sources.
Admission by consent of the instructor.

402 Contemporary Spanish Literature

3 Hrs.

Literature and ideas of 20th century from the "Generation of 1898" to the present; influence of history on the literature; stylistic analysis of works of the authors studied.

Admission by permission of the instructor.

405 Practicum in Spanish

1 - 2 Hrs.

A supervised experience in a situation where the language must be used.

423 Spanish Drama of the Golden Age

3 Hrs.

Literary background of the Golden Age; reading and evaluation of masterpieces of drama. Works to be read in the original; papers and tests to be written in Spanish; lectures on tape in Spanish.

NOTE: Students may elect this course as

English 345 with all course work conducted in English.

Admission by consent of the instructor.

431, 432 Spanish-American Literature I and II

3 Hrs.

Chronological development of Spanish-American literature; readings reflect history, culture, and social and literary trends.

Admission by consent of the instructor.

442 Problems in Teaching Modern Language (Spanish)

1 Hr.

Required for students in the secondary education program, taken concurrently with Education 442. Designed to give special attention to problems and techniques in teaching of modern languages. One hour a week throughout the term.

448 Cervantes

3 Hrs.

Study of works of Cervantes, with emphasis on *Don Quixote* and *Novelas Ejemplares*.

Works to be read in the original, papers and tests to be written in Spanish. Admission by consent of the instructor.

NOTE: Students may elect this course as English 348, with all course work conducted in English.

451 Advanced Grammar and Composition

3 Hrs.

A systematic review and a more advanced study of the grammatical structure of the language; an introduction into the evolution of Spanish; oral and written application of the principles studied to increase fluency.

471 Independent Research

1-3 Hrs.

A one-term research program in Spanish preparatory to senior independent study.

472 Senior Independent Study

3-4 Hrs.

Study of a topic of special interest to the student. Presentation of the study, written in Spanish, will be made and defended before a review committee.
Prerequisite: Spanish 471.

475 Independent Research

1-3 Hrs.

A one-term research program in Latin American Studies preparatory to senior independent study.

476 Senior Independent Study

3-4 Hrs.

Study of Latin-American topic of speci interest to the student. Presentation of th study, written in Spanish, will be made and defended before a review committe
Prerequisite: Spanish 475.

History

History, drawing upon nearly all fields knowledge, helps provide a deeper understanding and perspective of the forces which influence man and the worl around him. It trains one in the skills of research, analysis, and written interpretation.

Careers

A concentration in history is an excellent general foundation for many occupations and interests. It is especially suitable for careers in government and foreign service, law and politics, public administration, journalism, and teaching. Preparatio for careers in museums, archives, and historic sites is provided through the Museums, Archives, and Historic Sites Program (MAHS). Queens College is a member of the Institute of Applied History. Students may do internships with the North Carolina government in Raleig

Major

Thirty credit hours of history courses including History 101 and 102, 203 and 204, and 490; in addition, two 300-level courses, one in United States and one in an area outside the United States are required. MAHS 475 may apply toward the thirty credit hours. Students should consult with faculty advisers to work out a program tailored to individual career objectives.

Students concentrating in the Museums, Archives, and Historic Sites Program will need to follow the requirements liste under that program.

Minor

Eighteen credit hours of history courses including three courses to be selected from History 101, 102, 203, and 204, and, in addition, two 300-level courses, one in United States and one in an area outside the United States, are required. History 490 or History 300 is recommended as part of the remaining six hours.

Exemption and Placement

Advanced placement through departmental examinations will allow students to be exempt from specific course requirements.

Honors in History

Majors with outstanding abilities will be nvited by the department to participate in a program of special study which if successfully completed will result in graduation with Honors in History.

Distributed Requirements

The requirement, Area III, is met by History 101, 102, 203 or 204.

Prerequisite

Dependent upon the courses and noted in lescriptions, History 101 or 102, 203 or 204 are required except with permission of the instructor.

101 World Civilization to 1650

3 Hrs.

A survey of the history of civilization from the ancient world to the European crises of the seventeenth century, with emphasis upon the political, social, and intellectual development of western civilization.

02 World Civilization Since 1650

Hrs.

A survey of the history of civilization from he end of the religious wars and the mergence of the great European powers o the crises of the twentieth century nd nuclear age, with emphasis generally pon the political, social, and intellectual evelopment of western civilization.

03 The United States to 1877

Hrs.

Rise of an American tradition; establishment of a nation; economic and social evelopments; expansion and sectional ontroversy; war and reconstruction.

04 The United States Since 1877

Hrs.

ettling the West; the triumph of business; eform movements and foreign affairs; the New Deal era; the Cold War era.

300 Research in Local and Family History

3 Hrs.

Course designed to provide training and practice in genealogical and historical research with emphasis in working with such materials as court records, deeds, wills, and census returns.

There will be written and oral presentation of findings. Cross-listed as MAHS 300.

301 English History to 1688

3 Hrs.

A survey of English history from the Roman conquest to the Glorious Revolution, with emphasis on the Tudor and Stuart periods.
Prerequisite: History 101 or permission of the instructor.

302 English History Since 1688

3 Hrs.

The age of aristocracy and the first empire; the struggle against revolutionary and Napoleonic France; the era of reform and the high tide of imperialism; the democratic age and the storms of war.
Prerequisite: History 102 or permission of the instructor.

315 Folklore and Oral History

3 Hrs.

Examination of ways in which cultures were preserved in the past (folklore, work and protest songs, handicrafts, etc.) and the study of and practice in the methodology of gathering and preserving historical information in oral form.

Cross-listed as MAHS 315.

317 History of Russia

3 Hrs.

Cultural heritage of Kievan Russia; Muscovy and the origins of the autocratic state; St. Petersburg, imperial capital and cradle of revolution; the new Leninist autocracy and the emergence of the USSR as a world power.
Prerequisite: History 101 or 102 or permission of the instructor.

325 American Foreign Policy

3 Hrs.

Major themes in the history of American diplomacy to 1945 with emphasis on their applications, modification, and development in relation to America's increased world responsibilities as a world power.

Prerequisite: History 203 or 204 or permission of the instructor.

NOTE: Students may elect this course as Political Science 325.

History 361 Ideas and Values in Conflict in History

3 Hrs.

A study of decisive intellectual and moral conflicts involving individualism, humanism, obscurantism, fundamentalism, racism, nationalism, totalitarianism, socialism, Nazism, Communism, materialism, and fanaticism.

History 376 The Lives and Times of Eminent Victorians

3 Hrs.

A study concentrating on the political, social, intellectual, and cultural currents and developments in Victorian England.

387 In the Shadow of Revolutions: Europe in the Nineteenth Century

3 Hrs.

The two great revolutions, French and Industrial, that destroyed traditional and rural Europe; the gradual spread of their influence from the North Sea into Central Europe and beyond.

Prerequisite: History 102 or permission of the instructor.

388 Europe in the Twentieth Century

3 Hrs.

Nationalism and imperialism leading to the First World War and the decline of European world domination; uneasy peace and despair leading to fascism and the Second World War; survival of traditional values thereafter.

Prerequisite: History 102 or permission of the instructor.

389 Topics in United States History

3 Hrs.

Topics are announced annually.

Prerequisite: 203 or 204 or permission of the instructor.

391 Topics in World History

3 Hrs.

Topics announced annually.
Prerequisite: History 101 or 102 or permission of the instructor.

392 American Women: Leaders and Movements

3 Hrs.

Review of the role of women in the histor of American society and politics.

Prerequisite: History 203 or 204 or permission of the instructor.

393 Main Currents in Southern History

3 Hrs.

Empasis is on the economic, cultural, an intellectual forces that have shaped the thinking and actions of the South.

Prerequisite: History 203 or 204 or permission of the instructor.

394 The Black Minority in American Society

3 Hrs.

A socio-historical study of minority grou relations emphasizing key periods and issues in the history of the Afro-America —the problems faced, the response mad and the consequences and significance o this heritage for both blacks and whites. Cross-listed as Sociology 394.

396 Urban History

3 Hrs.

Study of the growth, development, and changing character of major cities in th United States from colonial days to the present. Emphasis placed on the city's impact on the thought and life of the nation.

Prerequisite: History 203 or 204 or permission of the instructor.

397 The United States: 1917 to 1945

3 Hrs.

The domestic history of the United State from 1917 to 1945; stress placed on diverse cultural and intellectual developments with special attention to the strain of social change and the subsequent responses of the institutions and movements.

Prerequisite: History 204 or permission of the instructor.

398 Decades of Hope and Despair: The United States in the 1950s and 1960s

3 Hrs.

The domestic history of the United State during the post World War II years; stress placed on the 1950s and 1960s an the intellectual, cultural, and social ferment of that period.

Prerequisite: History 204 or 397 or permission of the instructor.

449 Directed Readings in History

3 Hrs.

Independent investigation of a topic through a program of directed readings; oral examination conducted by department members.

Open to students by permission of the department only.

450 Independent Study in History

3 Hrs.

Independent investigation of a topic through the writing of a research paper; oral examination conducted by department members.

Open to students by permission of the department only.

475 Practicum

1-4 Hrs.—Offered on demand

Designed to enable students to receive training in law and politics, public administration, government and foreign service, or other such career opportunities for which history provides a background. Pass/Fail basis.

Open only to junior and senior majors with the permission of the department required.

490 Senior Seminar

3 Hrs.

Colloquium for history majors who meet for discussions, lectures, and presentations of papers.

Program in Museums, Archives, and Historic Sites

Students have the option of declaring a major in history with a concentration n the MAHS Program. This concentration is designed to provide a foundation for careers dealing with archival research, records management, historical archaeoogy, preservation, historic sites, and museums with emphasis on interpretation of collections and sites. It requires a practicum with a participating archives, museum, historical site or agency. During May Term an Archaeology Field School is conducted at the nearby historic Latta Place plantation. The Program s affiliated with the Institute of Applied History, making students eligible for nternships with the Division of Archives and History in Raleigh.

Requirements for the Program: History 101, 203, 204; MAHS 250, 300, 475; and at least 15 hours from a selected list of electives to be chosen in consultation with the MAHS director.

Some of the possible electives are: MAHS 315, 349, 377, 378, 379, 450; Art 111, 112, 307; Business 207; History 392, 393, 394, 396; Journalism 206, 212; Mathematics 100, 200; Education 302, 303, 304; Political Science 311; Sociology 313. Substitutions, where applicable, may be made with the approval of the MAHS director.

250 Museology

3 Hrs.

Introduction to the nature of museum operations with emphasis on collections, registrar's function, conservation, research and interpretation, exhibition, educational programs, and public relations.

300 Research in Local and Family History

3 Hrs.

Course designed to provide training and practice in genealogical and historical research with emphasis in working with such materials as court records, deeds, wills, and census returns. There will be written and oral presentation findings.

Cross-listed as History 300.

315 Folklore and Oral History

3 Hrs.

Examination of ways in which cultures were preserved in the past (folklore, work and protest songs, handicrafts, etc.) and the study of and practice in the methodology of gathering and preserving historical information in oral form.

Cross-listed as History 315.

349 Directed Readings in Museums, Archives, and Historic Sites

3 Hrs.

A concentrated program of readings in the museum, historic site, preservation, or archival field in preparation for the MAHS Practicum.

377 Historic Site Interpretation

3 Hrs.

A seminar exploring problems in the presentation and interpretation of historic dwellings and sites. The Hezekiah Alexander House and other historic preservations, restorations, and sites in the area will be utilized as laboratories for the seminar. Taught by the Curator of the Charlotte Museum of History.

378 Historic Site Archaeology

3 Hrs.

A study of the philosophy and methods of historic site archaeology. The course will examine artifact analysis, types of sites, stratigraphy, dating techniques, site interpretation, and other archaeology skills necessary to excavate sites.

379 Archaeology Field School

3 Hrs.

The practical application of the methods and techniques of historic site archaeology. The "dig" will be carried out under the direction of a professional archaeologist at historic Latta Place, an antebellum plantation site in Mecklenburg County. Pass/No Record basis.

450 Independent Study in Museums, Archives, and Historic Sites

3 Hrs.

An independent project making use of principles and methods employed in the museum, archival, historic site, or preservation field.

475 Practicum: Museums, Archives, and Historic Sites

1-4 Hrs.—Offered on demand

Designed to enable students to receive training in archives, museum work, restoration sites, historical agencies, or other such career opportunities. Pass/fail basis.

Open only to juniors and seniors with permission of the department. May be taken twice in different areas.

Philosophy and Religion

Philosophy

Students in the department are trained to look upon life critically and sensitively through the process of reflective thinking. Philosophy touches many areas of the liberal arts; hence, its program is conceived broadly to provide links with the various elements of the general education program.

Careers

Study may lead primarily to graduate work; however, it also provides a broad liberal arts background applicable to a number of related practical fields such as literature and religion.

Philosophy Minor

Minor program must be determined in consultation with the department.

Distributed Requirements

The requirement in philosophy, Area III, is fulfilled by any course at the 200 leve

203 Introduction to Philosophy

3 Hrs.

Introductory study of the perennial questions of philosophy and the various methods by which philosophy has tried t answer them.

204 Philosophy of Religion

3 Hrs.

Introductory study of some of the major areas of concern related to religious experience and values; development of critical understanding of the nature of religion and such beliefs as God, freedom evil, and the nature of man; and the relationship of religion to other human values.

205 Elementary Logic

3 Hrs.

A study of deductive logic in its development from traditional Aristotelian logic to contemporary symbolic logic. Emphasis on learning valid reasoning procedures, the fallacies of language, an problem solving using the terms of symbolic logic. Methods and fallacies of scientific method and inductive reasonin also discussed.

207 Ethics

3 Hrs.

Study of the theories and writers in mora philosophy; practical questions considere in the context of major questions of good duty, and right; consideration of problem in social ethics; and the critical analysis o contemporary moral problems.

301 History of Western Philosophy: Part I — Ancient Through Medieval

3 Hrs.

An historical treatment of the problems o philosophy with a focus on ideas that hav shaped the course of Western thought. The development of these ideas will be traced in the writings of great philosophers, ending with the maturity o Medieval philosophy in the works of St. Thomas Aquinas in the 13th century.

02 History of Western Philosophy: art II — Renaissance Through Modern

Hrs.

ontinuation of Philosophy 301. This
ɔurse begins with William of Ockham
ıd the *via moderna* and continues
ırough Kant and Hegel in the 18th
ɜntury, examining the ideas that have
ıaped the philosophy of modern
/estern cultures.

03 Contemporary Philosophy

Hrs.

roblems of philosophy in their modern
ɜtting: development of ideas that have
ıaped Western thought analyzed in the
ritings of some of the influential modern
hilosophers.
rerequisite: Three credit hours chosen
om Philosophy 203 or 301.

09 Aesthetics

Hrs.

hilosophical study of the nature of art,
nphasizing the nature of the aesthetic
ɔject, the creative process, the aesthetic
xperience, and the problem of under-
anding and evaluating art.

10 Great Philosophies and hilosophers

tudy of major movements and periods of
hilosophy through concentration on
ɔecific authors and traditions.

ıbtitles indicate the specific philosophers
· areas to be studied; may be taken more
ıan once with different subtitles.
rerequisite: Philosophy 203 or 301, or
ɜrmission of the instructor.

10a Plato and Aristotle

Hrs.

tudy of the major writings of Plato and
ristotle.

10b Existentialism and Phenomenology

Hrs.

ɪudy of selected major works in the
ɜvelopment of both Existentialism and
ıenomenology with concentration upon
ıch men as Kierkegaard, Sartre, Heideg-
ɜr, Husserl, and Merleau-Ponty.

10c American Philosophy

Hrs.

ɪudy of main philosophers and
ıilosophies that have shaped American
ıought.

310d Existential Philosophy in Literature

3 Hrs.

An examination of the themes and ideas of contemporary existential thought as they are embodied in the literary works of authors such as Dostoyevsky, Kafka, Gide, Malraux, Sartre, Beckett, Ionesco, and others. The course involves an analysis of such ideas as the nature and destiny of man, the problems of freedom and evil, the notions of alienation and isolation, the idea of the "death of God," and the ontological significance of death and anxiety.

Note: Students may elect this course as English 355.

350 Directed Studies in Philosophy

1 - 3 Hrs.

Faculty supervised study of an approved topic in philosophy through selected readings. To be evaluated through a weekly meeting with the instructor and a comprehensive paper. May be repeated for credit.

425 Seminar in Philosophy

3 Hrs.

Study of topics of special interest, such as Chinese philosophy, philosophy of science, and Indian philosophy.
Prerequisite: Previous work in philosophy or senior standing.

450 Independent Studies in Philosophy

3 Hrs.

Independent investigation of a topic by means of a thesis or a program of directed readings.

Admission by permission of the instructor.

Religion

College study in religion should increase a student's awareness of man's perennially urgent questions in their varied forms. Courses in this department can aid the student in grasping what any religious heritage means and in evaluating the religious choices which persons and societies continually make.

Careers

Training and perspective gained in this field can enhance any vocation. The student planning graduate work in religion, or intending to enter a church-related position, may support another major by electives in the religion department. Students should look especially to possible combination with the program in social work. The major in religious education leads to employment in a church or church-related teaching position.

Religious Education Major

Religion 103, 205, 206, 315; Religious Education 105, 305, 316, 375; and at least 9 additional hours in religion or philosophy courses at the 300-level or above as recommended by the major advisor. Additional requirements are Education 221, 310, 345 or 401, 442 or 448; Psychology 209 or 319. Suggested electives include Art 213; Education 312, 334; Music 230; Philosophy 207; Sociology 203, and 306.

Religion Minor

Religion 205, 206, and at least 10 additional hours as approved by the department.

Distributed Requirements

The requirement in religion, Area III, is fulfilled by any course at the 100 or 200 level.

103 Introduction to the Study of Religion

3 Hrs.

Development of awareness of the nature of religion, of some basic religious issues, and of methods for studying religion, through the reading of selected works.

205 The Old Testament

3 Hrs.

Introduction to the nature of the biblical writings and to methods of Bible study. The history, literature, and faith of the people of Israel as seen in the Old Testament.

206 The New Testament

3 Hrs.

The history, literature, and faith of the early Christian community as seen in the New Testament.

Students intending to take six hours in the Bible should enroll in 205 prior to 206.

303 World Religions I: The Orient

3 Hrs.

Historical survey of Asia cultures and the systems of thought and practice that have made lasting impressions on the Orient; study of some of the major persons and movements that have influenced the development of Oriental religions.

304 World Religions II: Near East and West

3 Hrs.

Interpretive study, both historical and contemporary, of Judaism, Islam, and oth religions which have shaped the development of Western culture and history.

306 Prophetic Religion

3 Hrs.

The prophetic movement in Israel; conte and message of major Hebrew prophets and selected minor figures; significance the prophetic style within present-day society.

Prerequisite: Religion 205 or permission of the instructor.

309 The Writings of Paul

3 Hrs.

Paul's life, letters, and teachings in the context of first century Judaism and Hellenism.

Prerequisite: Religion 206 or permission the instructor.

311 Jesus in the Gospels and in Present-Day Thought

3 Hrs.

An endeavor to understand and interpr the life and person of Jesus, by study the records concerning Jesus in the four gospels, Christological material in other New Testament books, and a cross sectio of present-day thinking on the significanc of Jesus.

Prerequisite: Religion 206 or permission of the instructor.

315 Christianity as an Historical Movement

3 Hrs.

Study of Christian life and thought in their interaction with changing cultural contexts, from origins through the 16th century; work with primary texts and wit a variety of major Christian figures; the theological question of the meaning of history.

Recommended: Some prior work in ancient or European history and in biblical study.

317 Religion in America

3 Hrs.

Historical analysis of American leaders and movements in religion, with special attention to continuing social and theological problems.

20 Contemporary Views of Man

Hrs.

ivergent ways—Christian and other—in
vhich the nature of man is currently
nterpreted; ethical and religious
imensions of the various views.

23 Religion in Contemporary merican Society

Hrs.

ntroduction to recent developments and
iscussions relating to religious com-
unities, illuminating the religious
ituation in America; critical study of
raditional forms and of newer move-
ents. Study is composite, drawing
rom sociology of religion, social ethics,
istory, and theology.

44 Christian Ethics

Hrs.

istorical and systematic examination of
he issues in Christian ethical thought and
f the problems of Christian norms for
ction, with special attention to major
ontemporary Christian theorists.

ecommended: A course in New Testa-
ent.

45 Modern Christianity

Hrs.

ntensive study of some of the persons,
vents, and controversies shaping theology
the 20th century—for example, through
eadings in Kiekegaard, Buber, Barth, the
iebuhrs, Bonhoeffer, Teilhard. Brief
urvey from 16th to 19th century to trace
ain trends leading into the present.

49 Topics in Religion

-3 Hrs.

oncentrated study of a particular person
r issue in the field of religion. Topics as
roposed will be chosen by the department
nd approved by Educational Programs
nd Curriculum Committee to supplement
egular offerings and to cover specialized
roblems. Course may be repeated for
edit with different subtitles, but does
ot satisfy distributed requirements.

50 Directed Readings

-3 Hrs.

aculty-supervised reading of a
epartment-approved bibliography; results
be reviewed at a weekly tutorial,
oncluding oral review by department.
ay be repeated for credit.

449, 450 Independent Study in Religion

Any two successive terms – 1, 2, or 3 Hrs.

A project of directed readings or research in the field of religion. In 449 the problem is formulated and the work planned; in 450 the student executes the project. Written report and oral examination by the department.
Prerequisite: Nine hours in religion, and permission of the department chairman; 449 is prerequisite to 450.

Religious Education

105 Introduction to Religious Education

3 Hrs.

An introduction to the foundations, nature and methods of religious education.

305 Background and History of Religious Education

3 Hrs.

A study of the history of religious educational movements with some consideration of their historical place in current religious practices. The objectives and administration of religious education are analyzed.

316 Elements of Religious Worship

3 Hrs.

A study of the purpose and content of public worship.

375 Religious Education Internship

3-6 Hrs.

Practical experience in the area of religious education.

Division of Interdisciplinary Studies

European Studies

Major in European Studies

The major in European studies is an interdisciplinary program which offers students a comprehensive knowledge of European civilization and enables graduates to consider business and diplomatic careers in Europe.

The program consists of four parts:

1. At least 39 credit hours in one of several concentrations dealing with Europe.
2. A senior seminar which is included in the 39 credit hours.
3. Electives relating to Europe.
4. Residency in Europe.

Optional Concentrations

A student majoring in European studies must select one of five areas for concentration; residency in Europe is required with each.

Economics/Business

Eighteen hours of economics and business courses including Economics and Business 320, 352, 400, 405. History 102, 387, 388; Political Science 301 and 323; a 321 conversation course in a foreign language; European Studies 470.

French

Eighteen hours of French courses including 321, 341, 343; History 102, 387, 388; Political Science 301, 323; Economics 422; European Studies 470.

History

Eighteen hours of courses in history including 101 and 102 and any four courses selected from 301, 302, 317, 387, 388, 391 or 449 (a reading course with either a country or historical period); Political Science 301, 303, 323; Economics 422; a 321 conversaton course and a literature course in a foreign language; European Studies 470.

Political Science

Eighteen hours of political science cours including 206, 301 and four courses fro 303, 323, 324, 326, 336, 337, 350 or 450; History 102, 387, 388; Economics 405; a 321 conversation course and a 400 directed reading course in a foreign language; European Studies 470.

Spanish

Eighteen hours of Spanish courses including 321, 341, 402, 451; History 10 387, 388; Political Science 206, 301 or 323; Economics 422; European Studies 470.

Electives

Students should choose from electives in art and music from Art 111, 112, 328 and 329; and Music 308 and 407. Electives from other departments which support the major include English 217 and any European literature course; Philosophy 301, 302, 303; Psychology 303; Religion 304, 315, 345; and Sociology 313, 316.

European Residency

A student majoring in European studies must fulfill a residence requirement in Europe.

The foreign student advisor assists majo in planning a European residence and must approve all proposed residency programs, which should be scheduled during Term II of the junior year, the summer following the junior year, or Term I of the senior year. The foreign student advisor and the student's academic advisor will consult with the student during the residency and will determine the academic credit to be transferred or awarded for it when the student returns.

A student must fulfill the European residency requirement by participating in the Experiment in International Living, program of the Association of United Colleges for Foreign Exchange and Stud by attending a European educational institution, or by enrolling in an America sponsored academic program which does not isolate United States participant from other students. Credits earned through these programs and approved b the committee may be transferred to Queens College.

As an alternative, a student may register for European Studies 370: Residency in Europe.

70 Residency in Europe

n informal program of settled residency n Europe, planned by the student and ffering as many as 12 credit hours on a /NR basis. Credit may be granted for imple domicile with journal at one credit our per month, or two credit hours per onth if student is employed.

his course may not be taken concurrently ith any international program for which redit may transfer to Queens.

70 Seminar on Europe (Senior eminar)

Hrs.

n on-campus course required of all udents majoring in European studies; aken during senior year. Students engage n independent study on an approved ubject, participate in group discussions n selected topics, and meet with pecialists in various branches of European tudies.

onors Program

he Queens College Honors Program designed for the academically talented tudent to provide her with as high a egree of freedom and individual challenge s possible.

ach year all students enrolled for a inimum of 12 hours and maintaining a umulative grade point average of 3.000 r higher are designated "Eligible for onors." These students are permitted and ncouraged to participate in the Honors rogram. Students with grades of ncomplete are ineligible for honors unless ranted special permission by the Honors ommittee. Transfer students must spend ne regular term at Queens before ecoming eligible for honors.

ana Scholars

pproximately 10 students each in the sing sophomore, junior and senior classes re designated Dana Scholars. These wards are based on scholarship and adership.

raduation with Honors

he titles *summa cum laude*, *magna cum ude*, and *cum laude* and awarded by the dministration upon the recommendation f the Honors Committee and approval of e faculty. The title *summa cum laude* awarded to students who have a grade oint average of 3.850, and to students ho have sucessfully completed an Honors hesis and have a grade point average of 3.750; the title *magna cum laude* to students who have a grade point average of 3.650; and the title *cum laude* to students who have a grade point average of 3.500. A student must have completed at least half the required hours for graduation at Queens College to be eligible for graduation with honors. Her grade point average will be determined by work taken at Queens.

Honors Courses

In-Course Honors

Terms I, II, and January-Term— 1 Hr.

Hon. 199, open to students in 100-level courses.

Hon. 299, open to students in 200-level courses.

Hon. 399, open to students in 300-level courses.

Hon. 499, open to students in 400-level courses

An opportunity for the student to pursue additional work in a course in which she is enrolled. May consist of special readings, a term paper, or presentation; but need not be restricted to these. Each of the above courses may be taken more than once for credit.

Honors 250 Directed Reading

1 to 3 Hrs.

Open to second semester freshmen, sophomores, juniors, and seniors. An opportunity to explore related writings in a field of special interest to the students; readings under supervision of a faculty member. No paper is required. May be taken more than once for credit.

Honors 300 Honors Colloquium

3 Hrs.

Open to sophomores and juniors. Opportunity for discussion, reading, analysis and research on a contemporary topic. Topic to be announced during Term I.

Honors 350 Directed Study

1 to 4 Hrs.

Open to juniors and seniors. A detailed study of some topic of special interest, resulting in a paper and oral examination. Work is done under the direction of a faculty member and with the joint supervision and evaluation of the Honors Committee. May be repeated only once for credit.

Honors 450 Honors Research

1 to 4 Hrs.

Open to juniors and seniors. An opportunity for research in a field of student's special interest, resulting in a paper and oral examination. Work done under the direction of a faculty member with the joint supervision and evaluation of the Honors Committee. Detailed proposal for research is submitted to the Honors Committee for approval by the end of the term preceding the project. May be taken more than once for credit.

Honors 490-491 Senior Honors Thesis

4 to 6 Hrs.

Open to seniors who have completed five hours of honors work with no more than four hours taken from In-Course Honors. An opportunity for extended research in a field of special interest, resulting in a paper and oral defense before an examining committee comprised of the Honors Committee and faculty members chosen jointly by the student and her thesis advisor. Detailed proposal for research is submitted to the Honors Committee for approval by the end of the term preceding the project. The phrase "With Honors Thesis" is printed on the diploma of a student who successfully completes these two courses.

Interdisciplinary Seminars

General Studies

100 Interdisciplinary Studies: Introduction to General Studies

An interdisciplinary seminar which, through the use of selected books and other media, (1) takes the problem-focused approach to general education and demonstrates the integration of knowledge as desirable in our modern day world and (2) develops skills mainly in writing, reading and interpretive thinking and study. Aims to foster an awareness of the transactions of disciplines, to afford a common intellectual experience, to foster a sense of community in the special program, to facilitate reentry, and to afford the student an opportunity to examine her academic interests and needs.

Required of all General Studies candidates.

Not open to regular students.

Contemporary Issues

200 Interdisciplinary Studies

3 Hrs.

An interdisciplinary course in a major contemporary issue, offered in response to student and faculty interest. Credit as elective only.

Folklore

203 Interdisciplinary Studies: European Folklore

3 Hrs.

Introduction to European folklore traditions, including study of folktales, customs, festivals and art forms. Credit as elective only.

204 Interdisciplinary Studies: American Folklore

3 Hrs.

Introduction to American Folklore traditions, including Indian Folklore, Black American traditions and folklife of other ethnic groups.

440 Interdisciplinary Studies: Independent Studies in Folklore

1 - 4 Hrs.

Problems and techniques in folklore research, including local fieldwork and report on a topic involving oral folklore, social custom, material culture, or folk arts.
Prerequisite: Interdisciplinary Studies 20 or 204 or permission instructor. May be repeated for up to four hours credit.

Science

101, 102 Environmental Science

3, 3 Hrs.

A study of the environmental issues confronting our present society: energy, population, pollution, natural resources, food production, materials production, waste disposal, transportation. Certain scientific principles are considered to th extent necessary for a basic understandin of the environmental problems, and som attention is given to the role of science i the development of and attempted solutions to these problems.

Major topics included in Environmental Science 101 are the earth and its place i the universe, the generation of electric energy, air pollution, thermal pollution, radioactivity, radioactive wastes and thei disposal. Topics in Environmental Scienc

02 include land use, food production, opulation, water pollution, food additives, he urban and suburban environment, olid wastes, noise pollution, ransportation.

hese courses are intended primarily for on-science majors. They will be taught y a team of instructors selected from he biology, chemistry, and physics epartments. Environmental Science 101, 02 will fulfill the Area IV distributed equirements.
rerequisite: Environmental Science 101 r a college level physical science course prerequisite to Environmental Science 02.

hree hours lecture, two hours laboratory week.

nternship

05 Exploratory Internship

, 2, 3 Hrs.

he purpose of the internship is to provide students with the opportunity to xplore various career options through irst hand experiences in job settings. tudents will be supervised by persons ctually employed in the given areas as ell as by a faculty member. The grading pass/fail. The course may be repeated or a total of six hours credit. Guidelines re available in office of Dean of the ollege.

rerequisite: Degree candidate status with uccessful completion of 12 credit hours t Queens College. Permission of faculty ember in area of interest.

enior Thesis

50 Interdisciplinary Senior Thesis

Hrs.

esigned primarily for students who are ursuing a self-structured major or any tudent engaged in interdisciplinary study t the advanced level. The project is upervised and evaluated by the student's ajor advisor and at least one person from nother department. Open only to seniors. tudents pursuing an honors degree should lan to take Honors 490 instead of nterdisciplinary Thesis 450.

Division of Natural Science and Mathematics

Professors: G. D. Duncan, Fehon, V. Martin, Oates. Assistant Professors: Cobey, Jann. Lecturers: Easton, Floyd, *K. Johnson, Root.

Biology

To serve the needs of the liberal arts student the department offers introductory work in biology with a contemporary molecular emphasis relating the field to the physical sciences and other disciplines.

Careers

Major study in biology provides basic preparation leading to work in research and medical laboratories, government positions, related businesses, teaching, and graduate study in biology, medicine, hospital administration or veterinary science.

A unique program in marine science is offered each summer at Pawleys Island, South Carolina. The department is also affiliated with the Gulf Coast Research Laboratory, Ocean Springs, Mississippi. Courses available to Queens students are listed at the end of this section.

Biology Internship

Students may gain practical experience in various fields of biology science during their junior or senior year. Details of this program may be obtained from the department chairman.

Major: Bachelor of Arts

Biology 103, 104, 106 and 25 credit hours from biology courses numbered 200 and above as approved by the major advisor. Students majoring in biology are required to take eight credit hours of chemistry and Mathematics 105 or 112 or 206. Chemistry 403, 404 may be substituted for biology electives. Candidates for teaching certificates may substitute up to four credit hours of Education 442 for biology electives. Students majoring in biology are advised to take physics and organic chemistry.

Major: Bachelor of Science

Biology 103, 104, 106; and three courses from 301, 302, 303, 304, 310, 405, 425; two courses from 300, 306, 315, 401, and nine hours of biology courses numbered 200 and above as approved by the major advisor. Students majoring in this program are required to take two years of chemistry including a term of organic chemistry; Physics 101, 102; Mathemati 112 and 211 or 206. In addition successful completion of 1 course of foreign language at the intermediate level is required, that is, completion of 201 or 202.

Minor

A minor in biology consists of Biology 103, 104, 106 and eight hours of approved biology electives.

Distributed Requirements

The requirement for Area IV is met with Biology 103, 104, 106.

Prerequisite

Biology 103 is prerequisite to all courses numbered 200 and above.

103 Principles of Biology

4 Hrs.

An introduction to the principles underlying the activities of living organisms; origin of life; molecular biology; cell structure and function; heredity; laboratory emphasizes the scientific method.

Three hours lecture and three hours laboratory a week.

Prerequisite: High school chemistry or Chemistry 101.

104 Plant Biology

4 Hrs.

Morphological survey of the plant kingdom; study of life cycles emphasizing evolutionary changes; consideration of economic aspects.

Eight hours lecture and laboratory a week

No prerequisite.

106 Animal Biology

4 Hrs.

Survey of the animal kingdom; study of the organization and activities of animals with emphasis on man; and evolution of animal life.

Eight hours lecture and laboratory a week

No prerequisite.

111 Human Anatomy

4 Hrs.

A study of the structure of the human body. Laboratory includes human osteology and mammalian dissection.

Three hours lecture and three hours laboratory a week.

(May not be counted toward major or as distributed requirement.)

112 Human Physiology

4 Hrs.

A study of the function of the human body. Laboratory study designed to demonstrate basic physiological principles.

Three houre lecture and three hours laboratory a week.

(May not be counted toward major or as distributed requirement.)

120 Introduction to Medical Microbiology

3 Hrs.

Principles of microbiology with emphasis on the pathogenic bacteria, viruses, rickettsiae, and fungi. Laboratory includes methods for cultivation, isolation, and identification of the above.

(May not be counted toward major or as distributed requirement.)

201 Invertebrate Zoology

4 Hrs..

Study of the invertebrate phyla; comparative anatomy and physiology; natural history; systematics and evolution. Laboratory includes physiological experiments and emphasizes marine forms.

Prerequisite: Biology 106.

Eight hours lecture and laboratory a week.

210 Ecology

4 Hrs.

Relationship of organisms to their environment; populations and communities; aquatic and terrestrial habitats; statistical methods. Laboratory includes both experimental and field studies.
Prerequisite: Biology 104, 106.

Eight hours lecture and laboratory or field work a week.

230 Field Studies in Biology

Offered on demand – 1-4 Hrs.

Includes studies in selected habitats or of particular groups of animals or plants, or travel-study to unusual habitats or ecosystems.

Topics are announced annually.

Prerequisite: Permission of the instructor. May be repeated under different subtitles, or by permission.

280 Research Participation

3 Hrs.

An introduction to biological research by participation in research with faculty. Students will conduct individual investigations, and present the results of their work at the end of the term.

Prerequisite: Permission of the instructor. (May not be counted toward distributed requirement.)

300 Cell Biology

4 Hrs.

Study of cell structure and physiology. Laboratory emphasizes research methods including instruments and techniques used in studying cells.

Prerequisite: At least one year of college chemistry; Biology 104 and 106 recommended.

Eight hours lecture and laboratory a week.

301 Vertebrate Embryology

4 Hrs.

Study of development with emphasis on vertebrates and a brief introduction to experimental embryology. Laboratory emphasizes amphibians and birds.

Prerequisite: Biology 106.

Eight hours lecture and laboratory a week.

302 Comparative Vertebrate Anatomy

4 Hrs.

Review of the evolutionary history of vertebrates with comparative study of their systems. Laboratory dissection of dogfish, mud puppy, and cat.

Prerequisite: Biology 106.

Eight hours lecture and laboratory a week.

306 Laboratory Microbiology

4 Hrs.

General survey of microorganisms with emphasis on morphology, metabolism, ecology, and taxonomy of bacteria. Laboratory includes independent studies.

Prerequisite: Eight credit hours of chemistry.

Eight hours lecture and laboratory a week.

310 Marine Biology

4 Hrs.

Introduction to oceanography and marine biology with emphasis on ecology and distribution and classification of local fauna and flora.

Prerequisite: Biology 106; Biology 201 recommended.

Four weeks, summer session only, at Pawleys Island, South Carolina.

315 Histology and Microtechnique

Offered on demand—*4 Hrs.*

The study of animal cells, tissues, and organs. Laboratory emphasizes practical experience in preparation of microscope slides.

Prerequisite: Biology 106.

401 Comparative Physiology

4 Hrs.

Study of the function of vertebrate systems. Comparisons made to invertebrate systems where appropriate. Includes lecture and laboratory experimentation.

Prerequisites: Biology 302 or permission of instructor; one year college chemistry.

Eight hours lecture and laboratory a week.

402 Genetics

3 Hrs.

Principles of heredity and variation in plants and animals.

Prerequisite: Mathematics 112 or permission of the instructor. Does not count toward major without Biology 402L.

Three hours lecture a week.

402L Genetics Laboratory

1 Hr.

Laboratory methods in breeding genetically important species.

Corequisite: Biology 402.

Three hours laboratory a week.

405 Plant Systematics

4 Hrs.

Development of systems of classification; study of basic principles; practice in identification; collection and study of members of plant families represented in local flora.

Prerequisite: Biology 104.

Eight hours lecture and laboratory a week.

425 Biology of Parasitism

4 Hrs.

Introduction to biological principles involved in parasitism of animals including man; host-parasite relationships; ecology; structure and classification.

Prerequisite or Corequisite: Biology 201.

Three hours lecture and three hours laboratory a week.

430 Topics in Biology

1 - 4 Hrs.

This course provides the opportunity for a faculty member and a group of interested students to study a subject that is not offered on a regular basis in the curriculum. Topics are announced annually. May be repeated for credit under different subtitles.

Prerequisite: One year of college biology. May vary with topic. Lecture and Laboratory hours vary with the hours credit and the course taught.

450 Independent Studies in Biology

1 to 4 Hrs.

Research projects in the area of the student's interest; written report and/or oral examination may be required; summer research in marine biology. May be taken more than once but total credits may not exceed six hours.

Admission by permission of the instructor.

460 Biology Seminar

1 Hr.

Invited guests, faculty and students present oral reports on topics of their specific interest and experience in biology and related fields.

Prerequisite: 8 hours of biology above the 100 level or permission of the instructor. May be repeated for credit.

One hour per week lecture, or discussion.

490 Internship in Biology

3 Hrs.

Practical experience under supervision in the field of biological science.

Prerequisite: At least 24 credits in biology and permission of the department.

Gulf Coast Research Laboratory

Queens students may receive credit for the following courses which are given at the Gulf Coast Research Laboratory at Ocean Springs, Mississippi. These are offered during summer session only.

Biology 361

Marine Botany—4 Hrs.

A survey, based upon local examples of the principal groups of marine algae and maritime flowering plants, treating structure, reproduction, distribution, identification, and ecology.
Prerequisite: 10 hours of biology, including introductory botany.

Biology 362

Marine Vertebrate Zoology and Ichthyology—6 Hrs.

A general study of the marine Chordata, including lower groups and the mammals and birds, with most emphasis on the fishes.

Prerequisite: 16 hours of zoology including comparative anatomy.

Biology 452

Marine Microbiology—5 Hrs.

A general course designed to introduce the student to the role of microorganisms in the overall ecology of the oceans and estuaries. Lecture and laboratory work includes sampling procedures, taxonomy of marine bacteria, mineralization, microbial fouling, pollution, and diseases of marine animals. *Prerequisite:* Biology 306.

Biology 461

Parasites of Marine Animals—6 Hrs.

A study of the parasites of marine animals with emphasis on the morphology, taxonomy, life histories, and host-parasite relations.
Prerequisite: General parasitology (Biology 425).

Lecture, laboratory, and field work are included.

Chemistry

The Bachelor of Arts program emphasizes the breadth of liberal arts study in terms of a wide range of elective courses together with a sound education in chemical principals and laboratory skills. Teacher certification may be obtained in the B.A. program.

The Bachelor of Science program is designed to provide an educational experience with more depth in science and mathematics. Students are prepared by this program to pursue careers in chemistry and medicine which will require graduate study or formal professional training in medical school. Well-equipped laboratories and qualified staff make possible a special emphasis on clinical and industrial applications of chemistry.

Careers

Students plannng to pursue careers in science and medically related fields should take courses in chemistry. These careers include chemistry, biochemistry, biology, forensic science, medicine, nursing, laboratory technology, medical technology, dental technology, physical therapy, veterinary medicine, and nuclear medical technology.

Majors in Biochemistry

Major for a B. A. in biochemistry: Chemistry 101, 102, 208, 303, 308, 403, 404, 405; Laboratories 1, 2, 3, 5, 6, 7, 8, 9; 12 credit hours of approved biology courses above the 100 level; Physics 101, 102; Mathematics 112. Mathematics 211 and a foreign language are recommended.

Major for a B. S. in biochemistry: Chemistry 101, 102, 208, 303, 304, 307, 308, 403, 404; Laboratories 1, 2, 3, 5, 6, 7, 8, 9; 12 credit hours of approved biology courses above the 100 level; Physics 101, 102; Mathematics 112, 211.

Successful completion of two courses of foreign language at the intermediate level is required, that is, completion of 201 and 202. Chemistry 405 is recommended.

Minor

A minor in chemistry requires completion of any three courses in chemistry beyond the 100 level.

A minor in biochemistry requires completion of Chemistry 403, 404, and 405.

Distributed Requirements

The requirement, Area IV, may be met by Chemistry 101; also Chemistry 102 or Chemistry 303 by permission of department.

Course Sequences

After completing Chemistry 102, students are advised to take courses in the order listed in either of two sequences:

Instrumentation—Physical Chemistry sequence: 208, 307, 308.

Organic Chemistry—Biochemistry sequence: 303, 403, 404.

Other courses may be taken in any sequence provided prerequisites are met.

Laboratories

The department requires a student to register for a laboratory with each class course.

101 General Chemistry I

3 Hrs.

This course includes the structure of the atom; the structure of the nucleus and nuclear chemistry; the Periodic Table; chemical bonding; solids, liquids, and gases; and stoichiometric relationships, the properties of solutions, colloidal systems, chemical equilibria, thermochemistry, electrochemistry, metals, and non-metals.

Three hours lecture a week.

102 General Chemistry II

3 Hrs.

This course is an introduction to organic chemistry and biochemistry, including functional groups, reactions, synthesis, and mechanisms.

Prerequisite: Chemistry 101 or permission of instructor.

Three hours lecture a week.

208 Instrumental Analysis I

3 Hrs.

Introduction to instrumentation and instrumental analysis with emphasis on fundamental electronic units, instrument design and construction and analytical application.

Prerequisite: Chemistry 102 or permission of the instructor.

Three hours lecture a week.

303 Organic Chemistry I

3 Hrs.

Introductory course including an integrated survey of the more important compounds of the aliphatic and aromatic series; emphasis on problems in organic synthesis.

Prerequisite: Chemistry 102 or permission of the instructor.

Three hours lecture a week.

304 Organic Chemistry II

3 Hrs.

Theoretical course treating the mechanisms of organic reactions in terms of modern structural theories.

Prerequisite: Chemistry 303 or permission of the instructor.

Three hours lecture a week.

307 Instrumental Analysis II

3 Hrs.

A second course in instrumental analysis with emphasis on analytical methodology.

Prerequisite: Chemistry 208.

Three hours lecture a week.

308 Physical Chemistry

Alternate years — 3 Hrs.

Study of the structure of gases, the physical properties of matter, the laws o thermodynamics and the principles of equilibria.

Prerequisite: Chemistry 102 or permission of the instructor; Mathematics 112; Physics 101, which may be taken concurrently.

Three hours lecture a week.

403 Biochemistry I

3 Hrs.

Study of the chemistry of carbohydrates, fatty acids, lipids, amino acids and proteins; solutions, especially pH measurement and calculations; antigen-antibody reactions in immunoelectrophoresis; special topics in biochemical research (each student presents a report).

Prerequisite: Chemistry 303.

404 Biochemistry II

4 Hrs.

Emphasis is on enzymes and metabolism with special reference to recent work on enzyme kinetics.

Prerequisite: Chemistry 403 or Biology 300 or permission of the instructor.

Three hours lecture a week.

405 Physiological Chemistry

3 Hrs.

A course applying principles of biochemistry to the interpretation of normal and abnormal genetic and physiological states occurring in Mammalia; discussion of digestive processes, fluid and acid-base balance, hormonal influence on physiological states, organ function tests, and excretory processes.

Prerequisite: Chemistry 404.

Three hours lecture a week.

450 Directed Individual Studies

2, 3, or 4 Hrs.

Individual research conducted by the student.

Prerequisite: Open to advanced students by permission of the instructor.

Three, six or nine hours of consultation and laboratory work a week.

460, 461 Chemistry Seminar

1, 1 Hrs.

Faculty and students will present oral reports on new or important developments in chemistry or in fields directly related to chemistry.

Prerequisite: Chemistry 208 or 303 or permission of the instructor.
May be repeated for credit.

One hour lecture a week.

Chemistry Laboratories

Laboratory 1 — Introduction I

1 Hr.

This laboratory introduces the student to elementary glass-working, general laboratory equipment and techniques, the principles of quantitative operations, and qualitative analysis.

Three hours laboratory a week.

Laboratory 2 — Introduction II

1 Hr.

The student in this laboratory is introduced to semimicro technique, chromatography, elementary organic and biochemical techniques.

Prerequisite: Laboratory 1 or permission of the department.

Three hours laboratory a week.

Laboratory 3 — Instrumentation I

1 Hr.

The student is introduced to the practical aspects of instrument design and construction and to the calculations and techniques of quantitative analysis.

Prerequisite: Laboratory 2 or permission of the instructor.

Three hours laboratory a week.

Laboratory 4 — Instrumentation II

1 Hr.

The student undertakes the practical evaluation of experimental methods and instruments best suited for specific advanced analytical problems.

Prerequisite: Laboratory 3.

Three hours laboratory a week.

Laboratory 5 — Physical Chemistry

1 Hr.

The student is introduced to the basic devices for precise physical and chemical measurements.

Prerequisite: Laboratory 4.

Three hours laboratory a week.

Laboratory 6 — Synthesis I

1 Hr.

Course introduces the student to the basic experimental techniques of advanced chemical synthesis of both organic and inorganic compounds.

Prerequisite: Laboratory 2.

Three hours laboratory a week.

Laboratory 7 — Synthesis II

1 Hr.

A continuation of Laboratory 6 and the introduction of the student to organic qualitative analysis.

Prerequisite: Laboratory 6.

Three hours laboratory a week.

Laboratory 8 — Biochemistry I

1 Hr.

Basic principles and techniques of biochemical laboratory investigation introduced; work is quantitative in nature.

Prerequisite: Laboratory 3 and 6 or permission of the instructor.

Three hours laboratory a week.

Laboratory 9 — Biochemistry II

1 Hr.

Course is a continuation of Laboratory 8 with special emphasis given to advanced biochemical methodology and to quantitative measurement.

Prerequisite: Laboratory 8.

Three hours laboratory a week.

Laboratory 10 — Biochemistry III

1 Hr.

Classical clinical laboratory methods used to investigate the influence of carbohydrate, protein, lipid, hormonal, and inorganic constituents of body fluids on the physiological state of the individual animal. Open to advanced students by permission of the instructor.

Three hours laboratory a week.

Mathematics

It is the nature of mathematics to examine concepts from nearly all areas of thought using a uniquely abstract and deductive approach. Although mathematical investigation often involves the use of expressions which represent numbers, many of the discoveries of the discipline extend beyond the quantitative.

Careers

The department of mathematics offers courses which reflect the general nature of mathematics while providing the student with an understanding of special tools such as statistics and calculus. The student majoring in mathematics can choose a program which provides preparation for teaching at the secondary school level, pursuing actuarial work or work with computers, or continuing the study of mathematics in graduate school. In addition, a rigorous training in mathematics is excellent intellectual conditioning for a wide variety of careers.

Computer Center

Queens has a computer center with an on-campus IBM 5100 computer, and with direct access to both an IBM 370, Model 165 and a Hewlett-Packard 2000. The computer center is equipped with a teletype, card punch, card reader and printer, and electronic calculators.

Major

A major in mathematics consists of Calculus I, II, III, IV, V, Linear Algebra, and a course from each of the following fields of mathematics: Algebra (401); Analysis (415, 416); Applied Mathematics (405, 406, 409); Computer Science (100, 200, 300); Geometry/Topology (304, 307). Physics 101 and 102 are strongly recommended.

Minor

A minor in mathematics consists of Calculus I, II, III, a three hour course numbered 200 or above, and two additional three hour courses numbered 300 or above.

Distributed Requirements

Any three hour course numbered 105 or above can be used to satisfy the distributed requirements for Area II. Mathematics 103 counts for three distribution hours for early childhood or intermediate education majors, if taken with any three hour course numbered 105 or above.

100 Introduction to Programming

1 Hr.

Writing and running simple programs in the Basic Language; flow-charting. Grading is Pass/No Record.

101 Precalculus Mathematics

3 Hrs.—Offered on demand

Sets; equations and inequalities; mathematical induction; relations, functions anc their graphs; trigonometric functions.

This course is for students who do not have basic proficiency in mathematics.

103 Mathematics for the Elementary Teacher

3 Hrs.

Designed for early childhood and intermediate teacher certification. Sets an logic; enumeration conventions; the integers; number theory; rational numbers metric geometry.

105 Finite Mathematics

3 Hrs.

Statements, connectives, truth-tables and valid arguments; sets and their relation to statements; partitions and counting problems; probability and matrices.

112 Calculus I

3 Hrs.

Limits and continuity; the derivative anc its applications, including curve-sketching and maximum/minimum problems; the law of the mean.

Prerequisite: Mathematics 101 or its equivalent.

200 Cobol Programming

2 Hrs.

Students will learn to write and run programs in the Common Business Oriented Language (COBOL). The course will also include a brief introduction to IBM OS 370 Job Control Language and to system utilities.

Prerequisite: Mathematics 100.

206 Statistical Methods

3 Hrs.

Introduction to the concept of statistical inference with emphasis on applications using the normal, t, chi-square, and F distributions. Primarily for persons concentrating in the behavioral or social sciences.

Prerequisite: Mathematics 101, 105, or 112.

211, 212 Calculus II, III

3, 3 Hrs.

The law of the mean; related rates; the definite integral; exponential and logarithmic functions; circular and hyperbolic functions; L'Hospital's rule; formal integration; surfaces and curves; vector functions; partial derivatives.

Prerequisite: Mathematics 112 or its equivalent.

250 Mathematics Practicum

3 Hrs.

A student will work with a local firm under the joint supervision of a representative of the firm and a member of the mathematics department. The work will usually require a background in computing (such as supplied by Mathematics 100) or in elementary statistics (Mathematics 206). This course is on a Pass/No Record basis.

Admission by permission of the department.

300 Fortran Programming

3 Hrs.

An introduction to FORTRAN programming, including DO loops, arrays, and subroutines. The student will write, debug, and run programs to process numerical and non-numerical information.

Prerequisite: Mathematics 211, previously or concurrently, or permission of the instructor.

303 Linear Algebra

3 Hrs.

Coordinate geometry; vectors and three-dimensional geometry; matrices and determinants; linear transformations. *Prerequisite:* Mathematics 112.

304 Geometry

Term I — 3 Hrs.

Modern approach to the study of Euclidean and non Euclidean geometries, including incidence and affine geometries; designed especially for students preparing to teach.

307 Introduction to Topology

3 Hrs.

An examination of continuity, connectedness, and compactness. *Prerequisite:* Mathematics 211.

311, 312 Calculus IV, V

3, 3 Hrs.

Multiple integrals; series; tangent fields; series solutions of equations; exact and first order linear equations; homogeneous and nonhomogeneous linear equations with constant coefficients; systems of equations. *Prerequisite:* Mathematics 212. Calculus IV and V may be taken in either order.

401 Introduction to Modern Algebra

3 Hrs.

Presentation of the theory of integral domains, fields, groups, rings, vector spaces, matrices, and other selected topics.

Prerequisite: Mathematics 212.

405 Introduction to Probability and Mathematical Statistics

3 Hrs.

Introductory study of probability as a mathematical system; random variables and distribution functions; mathematical models; testing hypotheses; estimation of parameters.

Prerequisite: Mathematics 211.

406 Statistical Inference

3 Hrs.

Study of the relation of sample to population with the consideration of statistical problems such as testing of hypotheses, estimation, and experimental design.

Prerequisite: Mathematics 212 and permission of the instructor.

409 Numerical Analysis

3 Hrs.

Roots of algebraic and transcendental equations; difference calculus and interpolation; matrix inversion and eigenvalue problems for differential equations.

Prerequisite: Mathematics 312; may be taken concurrently.

415 Introduction to Real Variable Theory

3 Hrs.

The real numbers; set theory; metric spaces; Euclidean spaces; uniform continuity; series of functions; the Riemann-Stieltjes integral.

Prerequisite: Mathematics 312.

416 Introduction to Complex Analysis

3 Hrs.

Algebra and geometry of complex numbers; analytic functions; contour integrals; Taylor and Laurent series; conformal mappings.

Prerequisite: Mathematics 312; may be taken concurrently.

425 Mathematics Seminar

3 Hrs.

Seminar in advanced topics of mathematics.

Open to seniors in the mathematics department with permission of the instructor.

Prerequisite: Mathematics 312.

Nuclear Medical Technology

The department offers work leading to the degree of Bachelor of Science with a major in nuclear medical technology and a two-year program leading to the degree of Associate of Science in nuclear medical technology.

The nuclear medical technology program is accredited by the American Medical Association Committee on Allied Health Education and Accreditation.

Major: Bachelor of Science

Biology 111, 112, 120, 402, 402L; Chemistry 101, 102, 303, 403, 405; Chemistry Labs 1, 2, 6, 8, 10; English 101, 109; Mathematics 100, 112, 206, 300; Nuclear Medicine 100, 101, 102, 103P, 104, 200, 200L. 202, 204, 205P, 206P, 302, 302L. 307; Physics 101, 102; Psychology 302.

Associate of Science in Nuclear Medical Technology

Required for the associate degree are Biology 111, 112, 120; Chemistry 101, 102, 303, 403; Chemistry Labs 1, 2, 6, 8; English 101, 102; Mathematics 112, 206; Nuclear Medicine 100, 101, 102, 103P, 104, 200, 200L, 202, 204, 205P, 206P, 302, 302L; Physics 101, 102; Psychology 302. Two physical education credits with a grade of P are also required.

Distributed Requirements

Nuclear medicine courses may not be used to fulfill distributed requirements.

100 Medical Terminology

1 Hr.

A study of basic medical terminology designed to acquaint the student with the correct spelling and pronunciation of medical and anatomical terms. Instruction will rely largely upon audio-visual resources.

101 Nuclear Medical Technology I

1 Hr.

A study of the nuclear medical technology which emphasizes special "in virto" procedures. An introductory course in clinical nuclear medicine. The basic principles of the major "in vivo" studies and major clinical nuclear medicine procedures will be discussed.

102 Nuclear Medical Technology II

1 Hr.

An introduction to the radio pharmaceuticals and instruments used in nuclear medicine. Radiation safety procedures will be discussed.

Prerequisite: Nuclear Medicine 101.

103P Nuclear Medical Technology Internship

Summer — 6 Hrs.

Practical experience in a clinical setting with emphasis on scanning. Radiation protection practices and routine quality control of instrumental accuracy will b observed and used. Practical experience i a clinical setting with emphasis on the more advanced applications of nuclear medicine procedures. Preparation and us of rediopharmaceuticals; preparation of th patient for such studies.

Prerequisite: Nuclear Medicine 102.

104 Radiobiology and Radiopharmacy

4 Hrs.

A course in which the fundamentals of radiobiology, a systems sensitivity (norma and neoplastic) to radiation, radiation pathology and the biological effects of radiation are stressed. Emphasis is place upon the effects of radiation and the effects of radiation absorption on tissue recovery rate. An introduction to the function of the radiopharmacy, productio of radionuclides, quality control of radiopharmaceuticals and radiopharmacy mathematics.

Prerequisite: Nuclear Medicine 101.

200 Nuclear Medicine Instrumentation

3 Hrs.

A study of practical electronic design of radiation detection instruments and circui construction. Use of instruments such a the Geiger-Muller counter, ionization chambers, proportional counters, and radiation monitoring devices are discussed A study in detail of the use of the well-counter, scanners, cameras, single and multi-channel analyzers as related to clinical medicine. Emphasis is placed upo Na I (TI) detectors. GeLi detectors, amplifiers, spectrometers, ratemeters and scalers. Statistics related to nuclear counting are introduced.

Prerequisite: Nuclear Medicine 102, Physics 102.

200L Nuclear Medicine Instrumentation Laboratory

2 Hrs.

A lab course which complements Nuclear Medicine 200. An understanding of instrumentation discussed in lecture is gained through experimental and practical use.

Corequisite: Nuclear Medicine 200.

202 Radioimmunoassay

4 Hrs.

A review of the basic units of measurement with emphasis on the metric system. The organization of living matter from the chemical point of view is discussed. Emphasis will be placed on protein structure and competitive protein binding analysis.

Prerequisite: Nuclear Medicine 200.

204 Principles of Nuclear Medicine

3 Hrs.

Principles and applications of radionuclide studies of the gastrointestinal and cardiopulmonary systems.

Prerequisite: Nuclear Medicine 102.

205P Laboratory Practicum (Principles of Nuclear Medicine)

1 - 2 Hrs.

Directed clinical learning experience in special areas of the nuclear medicine laboratory. Radionuclide generators, radiation safety, management and administration of nuclear medicine department will be presented in lecture series.

Corequisite: Nuclear Medicine 204 or permission of the instructor.

206P Nuclear Medical Internship II

Summer — 12 Hrs.

Practical experience in a clinical setting with emphasis on "in vitro" procedures and therapeutic use of radionuclides. A detailed study of the design and use of specific instruments utilized in clinical nuclear medicine. Performance of more sophisticated studies in "in vitro" and "in vivo" procedures employing radioisotopes and practical therapeutic use of radionuclides.

Prerequisites: Nuclear Medicine 103P and 204.

302 Nuclear Physics and Health Physics

3 Hrs.

An introduction to the concepts of atomic and nuclear radiation physics. Nuclear decay schemes and concepts of radioactive decay are discussed followed by a thorough discussion of the interactions of radiation with matter. Health physics will entail a study of radiation safety, procedures for reducing the exposure of physicians, technologists and patients, Atomic Energy Commission and North Carolina State Regulations and radiation monitoring methods used in nuclear medicine departments.

Prerequisite: Nuclear Medicine 200.

302L Nuclear Physics and Health Physics Laboratory

1 Hr.

A lab course accompanying Nuclear Medicine 302. An understanding of theory obtained in lecture is gained through experimentation with nuclear physics and health physics principles.

Corequisite: Nuclear Medicine 302.

307 Radiation Dosimetry and Advanced Health Physics

3 Hrs.

Topics in all areas of radiation dosimetry will be discussed. Particular emphasis will be placed on internal radiation dosimetry and health physics problems as related to the field of nuclear medicine.

Prerequisite: Nuclear Medicine 302 or permission of the instructor.

Physics

Distributed Requirements

Physics 101, 102, or 103 will meet the requirements, Area IV.

101, 102 General Physics

4, 4 Hrs.

Beginning course in physics covering the fundamental principles of mechanics, heat, sound, light, electricity and magnetism, and atomic physics.

Prerequisite: Elementary algebra and plane geometry; Physics 101 or Physics 102. Three hours lecture and three hours laboratory each week.

103 Physics of Sound

3 Hrs.

An elementary treatment of generation, propagation, and detection of sound; designed primarily for music majors, but should be of interest to anyone with some music background.

Two hours lecture and two hours laboratory each week.

105 Radiologic Physics

Summer School—4 Hrs.

Selected topics in mechanics, atom structure, electricity and magnetism, ionizing radiation, production and properties of x-rays, radiation dosimetry and protection; designed to provide students in a radiologic technology program with a basic understanding of the physical principles involved in the generation and use of x-rays.
Offered during summer school only; four weeks; 10 lecture hours and nine laboratory hours per week.
Students may not receive credit for both Physics 102 and Physics 105.

Special Programs

Women's Leadership Program

The Women's Leadership Program is a series of leadership and management experiences for the Queens student. The program includes workshops, seminars and experience designed to develop leadership skills. The focus of the program is to develop Queens graduates who are motivated and confident.

Operation Enterprise

Operation Enterprise is an experience in the activity of leadership, professional management and organizational dynamics. Through direct involvement with leading practitioners from diverse fields of management, Operation Enterprise students learn concepts, skills and techniques applicable to management in such areas as government, labor, politics and business enterprise. The course is created and staffed by the American Management Association and is specifically designed for women. Juniors and seniors are selected for participation in this program.

Internships

Queens College affirms its support of properly planned and supervised internships as useful and desirable educational experiences for its students. The college defines internships as out-of-class work experiences which use skills and theories learned in classroom settings.

Internships are of two types: exploratory internships and professional internships. The exploratory internship enables a student to gain knowledge in an area in which she may have an interest and to explore areas in which she may wish to develop a career. The student may earn a maximum of six hours credit toward graduation requirements through exploratory internships. The professional internships are listed as catalogue courses and encompass field placement courses, major internships, student teaching programs and practica. These internships are an integral part of the academic program and are limited only by the requirements of a given major as described in the catalogue.

To be eligible for internships students should have the academic preparation necessary as a basis for such experiences. Generally, internships are restricted to upperclassmen; however, freshmen and sophomores with unusual backgrounds in or strong motivation for such work experiences are not excluded from participating in internships. The guidelines for internships available in the office of Dean of the College describe in detail both qualifications and procedures for these experiences. The student and her advisers are responsible for following these guidelines.

The student and faculty adviser plan an internship using as resources the career center and faculty internship advisers. The adviser reports a grade and serves as a contact person on-campus for the intern and the off-campus project supervisor.

On-Campus Summer Programs

Queens offers a summer program consisting of two three-week terms held during May and June. Students choose from a listing of catalogue courses or may arrange independent studies or internships.

Marine Biology Program

The department of biology offers a four-week summer session in marine biology at Pawleys Island, South Carolina. In addition to the usual laboratory facilities and equipment, the college maintains a 28-foot boat for offshore collecting. Advanced students may undertake independent studies in the marine field.

In addition, Queens offers a special exchange program with the Gulf Coast Research Laboratory in Ocean Springs, Mississippi.

Charlotte Area Educational Consortium

Queens participates in the Charlotte Area Education Consortium, which includes 11 public and private colleges and universities in and near Charlotte. Through the consortium the resources of all participating institutions are available to Queens students who, if qualified, may enroll at one of the other colleges in any course not offered at Queens and receive full credit toward the Queens degree without the payment of additional fees.

Exchange Program with Davidson College

Queens College participates in a cooperative program of junior year exchange with Davidson College. Students at either college may elect to take the junior year at the other upon the recommendation of the college where the student is a degree candidate and the concurrence of the college where the student plans to study during the junior year. Recommendations are based on the demonstrated academic ability of the applicant, the approval of the proposed course of study, and the availability of space in particular courses or departments.

Students participating in the exchange are considered degree candidates at the college of original enrollment and are expected to return to that campus at the conclusion of the year. While participating in the exchange, students enjoy all the privileges and assume all the responsibilities of regular students at the host institution.

Queens at Oxford Program

Queens College participates in a cooperative program of exchange with Warnborough House College, a private British college of higher education which is organized and administered by academics trained in the British educational system and located in Oxford, England.

Degree candidates at Queens College in good academic standing and with permission from both institutions may elect to study at Warnborough House College in any segment of the academic year up to a full academic year. First term freshmen are not allowed to participate. Final term seniors are not encouraged to participate. Likewise, Queens College is used by women students from Warnborough House College.

While participating in the exchange, students enjoy all the privileges and assume all the responsibilities of regular students at the host institution. Fees are payable to the host institution.

Government Internship Program

Queens College students may choose to participate in a government internship program designed to provide an understanding of practical politics as well as an introduction to government employment. The Queens program is based upon cooperation with existing programs sponsored by or with local, state, or national government institutions. There are also major efforts made to arrange individual internships outside these programs that may be tailored to the special needs or interests of a particular student. Some of the internship opportunities involve stipends which may be used to defray the costs of the internship to the student.

Students who enroll for internships should have a sound background in the social sciences as well as upperclass standing. Students who do not meet these qualifications are not prohibited from participating, but the type of internship for which they may qualify may be circumscribed.

Washington Semester

Through a cooperative arrangement with the American University, two Queens students annually may spend one term in Washington, D.C., for a study of American National Government in Action. The study is carried out through a seminar on Government in Action, an individual research project, and regular courses at the American University. Applicants must have completed Political Science 201 and have a quality point average of 2.600 or above. Application should be made through the department of political science.

Triangle Universities Computer Center

As a member of the North Carolina Educational Computing Service, Queens provides its students and faculty with the computer resources of the Triangle Universities Computer Center by remote terminal.

International Education

During the regular academic year, qualified students with at least a C average may study abroad under selected programs. The Foreign Student Advisor, in cooperation with the Dean of the College and the major advisor, must give prior approval to each applicant and each program.

The one-term program of the Experiment in International Living permits a student to earn as many as nine credit hours in various European countries, India, or Ghana; or as many as 12 credit hours if an independent study project is completed.

Queens also participates in the Association of United Colleges for Foreign Exchange and Study which provides Junior Year Programs in Strasbourg, France; Heidelberg, Germany; Lancaster, England; and at the London School of Economics.

(For further information concerning study abroad, refer to the section on the major in European studies listed under "Courses of Instruction.")

New College at Queens

Queens College provides for women and men of the community an undergraduate program of courses scheduled during the evening and weekend hours. The New College curriculum will parallel the existing undergraduate curriculum with minor changes in the requirements. Complete information including description of degrees offered and New College fee structure, is available in New College publications.

Graduate Programs

During the 1979-80 academic year Queens College will begin a program of study leading to the Masters in Business Administration degree. Classes will be held during the evening and weekend hours. Complete information is available in the Queens College Graduate Program publication.

Continuing and Adult Education

Queens College sponsors a program of non-credit continuing education recognizing that opportunities in education should be available to members of the community who wish to continue study or to develop particular interests. Many Continuing and Adult Education courses are career oriented, thus serving the Charlotte business community. For instance, the Queens College Secretarial Institute educates and trains students for positions leading to executive secretarial or administrative positions. The curriculum combines secretarial training with business oriented courses and includes, prior to graduation, a four week internship in a Charlotte area business.

Continuing and Adult Education also serves the alumnae and Queens community with a varied curriculum in the liberal arts. Pre-college students are served with such courses as SAT Review, CLEP preparation course, and writing workshops. Children aged 2 through 17 are involved in gymnastics, ballet and art.

Early Learning Center

The Early Learning Center provides experiences for a small group of children and opportunity for Queens students to observe and work with these children.

The Queens Conservatory

The Queens Conservatory, a division of the Queens College Music Department, provides study and performance opportunities in music for members of the Charlotte community. The faculty of the Conservatory are either full-time Queens College instructors, members of the Charlotte Symphony Orchestra, or others employed for specific expertise in an area of music.

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Class of 1980

Dr. Tom B. Anderson
(Synod of N. C.)
Burlington, N. C.

James H. Barnhardt, Sr.
(Trustees)
Charlotte, N. C.

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(Synod of N. C.)
Tarboro, N. C.

Francis M. Hipp
(Trustees)
Greenville, S. C.

Mrs. H. Bradford Hunter
(Alumnae Association)
Charlotte, N. C.

A. Ward McKeithen
(Synod of N. C.)
Charlotte, N. C.

John F. Renfro, Jr.
(Synod of the Southeast)
Spartanburg, S. C.

Mrs. Asa Stallworth, Jr.
(Synod of the Southeast)
Augusta, Ga.

Class of 1981

A. Paul Cadenhead
(Synod of the Southeast)
Atlanta, Ga.

James J. Harris
(Trustees)
Charlotte, N. C.

Mrs. Robert L. Haught
(Alumnae Association)
Alexandria, Va.

Benjamin S. Horack
(Trustees)
Charlotte, N. C.

Mrs. G. Carswell Hughs
(Synod of N. C.)
Charlottte, N. C.

Mrs. John Newton
(Synod of the Southeast)
Atlanta, Ga.

Charles B. Trexler
(Synod of N. C.)
Charlottte, N. C.

Bob J. White
(Trustees)
Charlotte, N. C.

Class of 1982

Mrs. James K. Batten
(Alumnae Association)
Miami, Florida

Irwin Belk
(Trustees)
Charlotte, N. C.

The Reverend Warren B. Gaw
(Synod of the Southeast)
Greenwood, S. C.

Mrs. Charles E. Hayworth
(Trustees)
High Point, N. C.

William States Lee, III
(Trustees)
Charlotte, N. C.

The Reverend Wilkes D. Macaulay
(Synod of N. C.)
Asheboro, N. C.

John H. Robison, Jr.
(Synod of N. C.)
Charlotte, N. C.

John S. Walker
(Synod of the Southeast)
Columbia, S. C.

Class of 1983

Mrs. H. Perrin Anderson
(Synod of N. C.)
Charlotte, N. C.

*Mrs. W. Tobin Cassels
(Synod of the Southeast)
Columbia, S. C.

Mrs. James L. Chambers
(Alumnae Association)
Charlotte, N. C.

*Mrs. J. W. Feighner
(Synod of the Southeast)
Columbia, Ga.

Joseph W. Grier, Jr.
(Trustees)
Charlotte, N. C.

The Reverend Robert J. James
(Synod of N. C.)
Charlotte, N. C.

Dr. Clarence W. Legerton, Jr.
(Trustees)
Charleston, S. C.

H. L. Ruth
(Synod of N. C.)
Concord, N. C.

Dr. Billy O. Wireman
Ex Officio
Charlotte, N. C.

**Subject to Synod approval in September 1979.*

Advisory Trustees

Class of 1980

Mrs. James G. Cannon
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V. Robert Jansen
Raleigh, N. C.

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The Reverend James E. Fogartie
Spartanburg, S. C.

The Reverend Robert J. James
Charlotte, N. C.

The Reverend James A. Nisbet
Augusta, Ga.

Class of 1982

Miss Elizabeth Garraway
Annapolis, Md.

Colonel J. Norman Pease
Charlotte, N. C.

Robert J. Sailstad
Charlotte, N. C.

E. Craig Wall, Sr.
Conway, S. C.

Class of 1983

John M. Akers
Gastonia, N. C.

A. Harry Burgess
Hickory, N. C.

Harry L. Dalton
Charlotte, N. C.

The Reverend James H. McKinnon, Jr.
Charlotte, N. C.

Administration

Office of the President

Billy O. Wireman
President and Professor of Management and Education
A.B., Georgetown College; M.A., University of Kentucky; Ed.D., Peabody College of Vanderbilt University; L.H.D., Eckerd College; L.H.D., University of Tampa; Post-Doctoral Study, Harvard University

Evelyn S. Deal
Executive Secretary to the President

Office of Admissions

Eugenia H. Burton
Director of Admissions
B.A., Queens College

Harriett D. Helvenston
Admissions Counselor
B.A., Queens College

Elizabeth B. McAulay
Admissions Counselor
B.A., Queens College

Ellen Sherrill McGimsey
Admissions Counselor
B.A., Appalachian State University

Rebecca L. Robbins
Admissions Counselor
B.A., University of North Carolina at Chapel Hill

Rose M. Grubb
New Dimensions Admissions Counselor
B.G.S., Queens College

Theckla D. Sterrett
New College and M.B.A. Admissions Counselor
B.A., Queens College

Claire F. Keel
Secretary

Mary H. Meyer
Secretary

Office of Financial Aid

Ann K. Murphy
Director
B.A., Randolph-Macon Woman's College

Susanne B. Honeycutt
Secretary
B.A., University of North Carolina at Charlotte

Development

Joseph B. Martin
Vice President for Development and College Relations and Associate Professor of English
B.A., Davidson College; M.A., University of Minnesota; Ph.D., Duke University

Patrice Perry
Secretary to the Vice President for Development

Anne Wright
Secretary

Eleanor Riggins Brawley
Director of Communications
B. A., University of Tennessee; M.A., University of North Carolina at Chapel Hill

Betty Chafin
Director of Women's Leadership Programs
B.A., Greensboro College; M.P.A., University of North Carolina at Chapel Hill

Ann M. Matthews
Secretary
A.B., University of North Carolina at Chapel Hill

Office of Alumnae Affairs

Judy Napier Page
Alumnae Director
B.A., Queens College

Mary W. Robinson
Secretary

Business Management

Business Office

Laurie S. Guy
Acting Treasurer and Business Manager
B.S., University of North Carolina at Greensboro

Dorothy A. Wentz
Bookkeeper

Karen Ragan
Cashier

Helen M. Barto
Secretary

Jo E. Provost
Switchboard Operator

Maintenance

John Mizelle
General Superintendent of Maintenance

Mildred M. Vessell
Secretary

Post Office

Gerald A. Palmer
Clerk
Campus Post Office

Department of Public Safety

Sarah L. Minnis
Director of Public Safety
B.A., Appalachian State University

Mary L. Rollings
Crime Prevention Officer

Dining Hall and Book Store

Fred Formichella
Director
Saga Food Service

M'Lou Greene
Saga Book Store Manager
B.A., Queens College

Donna Trask
Secretary
Saga Food Service

Academic Affairs

Office of the Dean of the College

Cynthia H. Tyson
Vice President for Academic Affairs and Dean of the College, and Professor of English
B.A., M.A., Ph.D., University of Leeds (England)

Katy Neckerman
Assistant to the Dean of the College
B.G.S., Queens College

Kathryn M. Champion
Secretary to the Dean of the College

Carleton E. Montgomery
Secretary

Marion F. Henderson
Secretary to the Faculty

Carolyn C. Temple
Secretary to the Music Department
B.A., Vassar College

Office of the Registrar

Eleanor Lloyd Jenkins
Registrar and Associate Professor of Mathematics
B.A., Queens College; M.A., University of North Carolina at Chapel Hill

Ellen L. Clark
Assistant to the Registrar
B.A., Queens College

Joan S. Oviatt
Assistant to the Registrar
B.A., Queens College

Everett Library

Stewart Lillard
Administrative Librarian and Assistant Professor of English
B.A., Davidson College; M.A., University of Tennessee; M.L.S., George Peabody College

Mary P. Raines
Cataloging Librarian
A.B., High Point College; B.S.L.S., University of North Carolina at Chapel Hill

Suzanne S. Davis
Public Services and Documents Librarian
A.B., University of Oklahoma; M.L.S., University of Illinois

Paul C. Porterfield
Director of Instructional Media Center
A.B., Roanoke College; M.S.L.S., Atlanta University; Ed. Spec., Georgia State University

Katherine I. Jenkins
Book Order Specialist

Colleen Turnage
Cataloging Assistant
B.A., Queens College

Queens Career Center

Susan McDonald Brown
Director of Employment Planning
B.A., Wake Forest University; M.Ed., University of North Carolina at Charlotte

Mattie Gay Kissiah
Director of Career Development and Counseling Services
A.B., Queens College; M.Ed., University of South Carolina

Carol Walker Smith
Director of New Dimensions
B.A., Shaw University; M.Ed. University of North Carolina at Charlotte

Lucye S. Webb
Secretary

Chaplain

E. Elizabeth Johnson
Chaplain and Lecturer in Humanities
B.G.S., Ohio University; M.Div., Princeton Theological Seminary

New College at Queens

Clyda S. Rent
Director of New College at Queens, Director of Graduate Programs, and Professor of Business and Sociology
B.A., M.S., Ph.D., Florida State University

Ann Todd Nodtvedt
Co-Ordinator for New College
B.A., Clemson University; M.Ed., University of South Carolina

Barbara A. Veal
Secretary/Administrative Assistant

Continuing and Adult Education

Linda C. Gardner
Director of Continuing and Adult Education and Assistant Professor of Education
B.A., Pennsylvania State University; M.A., Ed.S., Western Carolina University; Ed.D., East Tennessee State University

Emma R. Quinn
Coordinator

Sandra McGlashan
Secretary to Queens College Secretarial Institute

Early Learning Center

Jane Galloway Walkup
Director
B.S., George Peabody College for Teachers

Student Services

Office of Student Affairs

Sidney Kerr
Director of Student Affairs
B.A., Agnes Scott College; M.Ed., Georgia State University

Helen Elizabeth Long
Director of Residence Life
B.S., Pembroke State University; M.A., Appalachian State University

Donna M. Maloni
Director of Student Activities
B.A., Belmont Abbey College

Marlene Katter
Secretary

Residence Hall Staff

Albright Residence Hall

Daleen G. Smith
Resident Director
B.A., University of North Carolina at Charlotte

Barnhardt Residence Hall

Vickie Looper
Resident Director
B.S., M.A.Ed., Western Carolina University

Belk Residence Hall

Debra Seuntjens
Resident Assistant

Wendy Price
Resident Assistant

Harris Residence Hall

Resident Director

DeAnna Bryant
Resident Assistant

Emily Elyea
Resident Assistant

Cynthia Kelly
Resident Assistant

Carolyn Mercer
Resident Assistant

Karen Price
Resident Assistant

Crystal Rollins
Resident Assistant

Long Residence Hall

Cynthia Hare
Resident Assistant

Anne Jones
Resident Assistant

Wallace Residence Hall

Donna M. Maloni
Resident Director
B.A., Belmont Abbey College

Renee Mittenzwei
Resident Assistant

Health Services

Virginia Cartlidge, R.N.
Head Nurse

Faculty

Date following name and title indicates year of appointment.

Ronald J. Basini
Assistant Professor of Business 1977
B.S., M.B.A., Murray State University

*Daniel C. Biber
Lecturer in Psychology 1976
B.A., Columbia University; Ph.D., University of North Carolina at Chapel Hill

Gary T. Brooks
Instructor of Mathematics 1979
B.S., University of North Carolina at Charlotte; M.S., University of North Carolina at Chapel Hill

*Rosalie Bryant
Lecturer in Physical Education 1974
B.S., Winthrop College; M.Ed., University of North Carolina at Chapel Hill

Helen G. Cappleman
Assistant Professor of Education 1979
A.B., University of North Carolina at Chapel Hill; M.Ed., Duke University

Susan S. Carley
Assistant Professor of Sociology 1979
B.A., Louisiana State University

Rose M. Cebulka
Associate Professor of Nursing and Director of Nursing 1979
Diploma in Nursing, Philipsburg State General Hospital; B.S.N., Duquesne University School of Nursing; M.Ed., Duquesne University; Ph.D., University of Pittsburgh

*Betty Chafin
Director of Women's Leadership Programs 1978
B.A., Greensboro College; M.P.A., University of North Carolina at Chapel Hill

*Elisabeth H. Chapman
Lecturer in English 1977
B.A., Queens College

Bobby L. Childress
Assistant Professor of Political Science 1979
B.A., Appalachian State University; M.A., University of North Carolina at Chapel Hill

*Florapearl Cobey
Assistant Professor of Chemistry 1976
B.S., University of Tennessee at Chattanooga; Ph.D., Duke University

Richard F. Crown
Assistant Professor of Art 1971
B.A., New York University; M.A., Indiana University; M.F.A., University of Massachusetts

Mollie C. Davis
Associate Professor of History 1972
A.B., Hollins College; M.A.T., Emory University; Ph.D., University of Georgia

Suzanne S. Davis
Public Services and Documents Librarian 1969
A.B., University of Oklahoma; M.L.S., University of Illinois

Gordon D. Duncan
Professor of Chemistry 1967
B.S., North Carolina State University at Raleigh; Ph.D., Cornell University

Nancy Eagle Duncan
Dana Professor of Music 1950
B.S.M., University of North Carolina at Greensboro; M.A., University of North Carolina at Chapel Hill

*Edward J. Easton, Jr.
Lecturer in Nuclear Medical Technology 1977
A.B., Boston College; M.D., Tufts Medical School; Diplomate, American Board of Nuclear Medicine, American Board of Radiology

Jack H. Fehon
Dana Professor of Biology 1956
B.A., M.S., University of Florida; Ph.D., Florida State University

*Garrien Michael Floyd
Lecturer in Nuclear Medical Technology 1976
Registered Radiological Technologist, Memorial Mission Hospital; Registered Nuclear Medical Technologist, Bowman Gray School of Medicine

Linda C. Gardner
Assistant Professor of Education and Director of Continuing and Adult Education 1977
B.A., Pennsylvania State University; M.A., Ed.S., Western Carolina University; Ed.D., East Tennessee State University

William B. Gardner
Assistant Professor of Business and Economics 1979
B.A., The Johns Hopkins University

**Ann S. Gebhardt
Assistant Professor of Art 1953
B.F.A., M.A., Ohio State University

---

*Part-Time
**Leave of Absence

Richard Goode
Assistant Professor of English 1978
B.A., Washington and Lee University; M.A., Ph.D., University of Texas at Austin

*Noel Goodman
Lecturer in Physical Education 1978
Boston Conservatory; Advanced Teaching Certificate, Cecchetti Council of America

Charles O. Hadley
Professor of English 1955
A.B., Davidson College; M.A., University of North Carolina at Chapel Hill; Ph.D., University of Georgia

Barbara E. Harmeyer
Assistant Professor of Art 1978
B.F.A., University of Utah; M.A., Murray State University; M.F.A., Pratt Institute

Madeleine B. Jacobs
Assistant Professor of Foreign Languages (French) 1977
B.A., Florida Technological University; M.A., University of South Florida; Ph.D., Florida State University

*Nolan Pliny Jacobson
Visiting Professor of Philosophy 1974
A.B., B.O., Emory University; Ph.D., University of Chicago

Rebecca C. Jann
Assistant Professor of Biology 1978
B.A., Catawba College; Ph.D., Wake Forest University

Eleanor Lloyd Jenkins
Associate Professor of Mathematics and Registrar 1941
B.A., Queens College; M.A., University of North Carolina at Chapel Hill

*E. Elizabeth Johnson
Lecturer in Humanities and Chaplain 1979
B.G.S., Ohio University; M.Div., Princeton Theological Seminary; Ordained, Presbyterian Church in the United States

*Kirk S. Johnson
Lecturer in Nuclear Medical Technology 1977
B.S., Wilmington Medical College; B.S., University of Delaware; Certified, American Society of Clinical Pathology

Marjorie T. Kirby
Z. Smith Reynolds Professor of Foreign Languages (Spanish) 1962
A.B., Birmingham-Southern College; M.A., Ph.D., University of North Carolina at Chapel Hill

*Mattie Gay Kissiah
Director of Career Development and Counseling Services 1978
A.B., Queens College; M.Ed., University of South Carolina

Joseph E. Lammers
Professor of Music (Piano) 1962
B. Mus., University of Alabama; M.Mus., Ph.D., Florida State University

W. Greg Lanier
Associate Professor of Psychology 1968
A.B., Duke University; M.A., Kent State University; Ph.D., Emory University

Stewart Lillard
Assistant Professor of English and Administrative Librarian 1978
B.A., Davidson College; M.A., University of Tennessee; M.L.S., George Peabody College

Joseph B. Martin
Associate Professor of English and Vice-President for Development and College Relations 1978
B.A., Davidson College; M.A., University of Minnesota; Ph.D., Duke University

Virginia L. Martin
Professor of Biology 1966
B.S., Wake Forest University; M.S., Ph.D., Emory University

Emory H. Mason, Jr.
Associate Professor of Education 1965
A.B., Catawba College; M.A., Appalachian State University; Ed.D., Duke University

*Albert R. May
Professor Emeritus of Music (Voice) 1960
Boston University of Music; Juilliard School of Music

Barbara C. Memory
Instructor of Music Therapy 1976
B.M.Ed., B.M.T., Michigan State University; M.M.T., Florida State University

Lawrence E. Merenstein
Assistant Professor of Art 1979
B.A., Alfred University; M.F.A., Pratt Institute

Paul B. Newman
Professor of English 1963
B.S., M.A., Ph.D., University of Chicago; M.F.A., University of Iowa

Paul Arlyn Nitsch
Instructor of Music 1977
B.Mus., M.Mus., Peabody Conservatory of Music

---

* *Part-time*
** *Leave of Absence*

Jimmie C. Oates
Professor of Physics 1962
B.S., Memphis State University; M.S., Ph.D., Vanderbilt University

Kurt H. Parkum
Associate Professor of Sociology 1979
B.S., M.B.A., The Copenhagen School of Economics (Denmark); M.S., Ph.D., The University of Wisconsin; M.P.H., Columbia University

Ben N. Pfingstag
Assistant Professor of Art 1976
B.A., M.A., San Francisco State College; Ph.D., State University of New York at Binghamton

Phyllis A. Pharr
Associate Professor of Physical Education 1964
B.S., Appalachian State University; M.Ed., University of North Carolina at Chapel Hill

Paul C. Porterfield
Assistant Professor of Education and Director of the Instructional Media Center of the Everett Library 1979
A.B., Roanoke College; M.S.L.S., Atlanta University

*Norris W. Preyer
Dana Professor of History 1957
A.B., University of North Carolina at Chapel Hill; M.A., Ph.D., University of Virginia

Mary P. Raines
Cataloging Librarian 1962
A.B., High Point College; B.S.L.S., University of North Carolina at Chapel Hill

*Kathleen J. Reichs
Lecturer in Sociology 1979
B.A., American University; M.A., PhD., Northwestern University

Clyda S. Rent
Professor of Business and Sociology, Director of New College at Queens and Director of Graduate Programs 1972
B.A., M.S., Ph.D., Florida State University

*Earle D. Roberts
Lecturer in Religion 1974
B.E.E., Clemson University; B.D., M.T., Union Theological Seminary

*LaVerne Roberts
Lecturer in Music 1976
B.Mus., Cincinnati Conservatory of Music

Catherine B. Rodgers
Instructor of English (Drama) 1979
B.A., Meredith College; M.A., Wake Forest University

*William James Root
Lecturer in Nuclear Medical Technology 1977
B.S., St. Johns University; M.S., Emory University

Mary Nell Saunders
Assistant Professor of Music and Drama 1977
B.A., Pfeiffer College; M.M., Southern Methodist University; D.M., Indiana University

*Stuart C. Schwartz
Lecturer in History 1976
A.B., Rutgers University

*Whitney R. Shaw
Lecturer in Journalism 1977
B.A., Wake Forest University; M.A., University of North Carolina at Chapel Hill

Joyce H. Shealy
Dana Professor of Psychology 1959
A.B., M.A., University of South Carolina; M.A., Ohio State University; Ph.D., University of North Carolina at Chapel Hill

Aleo G. Sica
Assistant Professor of Music (Violin) 1969
B.Mus., B.Mus.Ed., College of Wooster; M.Mus.Ed., Virginia Commonwealth University

*Carol Walker Smith
Director of New Dimensions
B.A., Shaw University; M.Ed., University of North Carolina at Charlotte

Mary Thomas Smith
Assistant Professor of Education 1962
A.B., M.A., East Carolina University

George A. Stegner
Dana Professor of Music (Piano) 1955
B.S., Miami University (Oxford, Ohio); B.Mus., M.Mus., Cincinnati Conservatory; D.F.A., Chicago Musical College

*Robert Eugene Stigall
Lecturer in Music (Organ) and College Organist 1973
B.Mus., Syracuse University; M.S.M., Union Theological Seminary

William A. Thompson
Assistant Professor of History 1975
A.B., Davidson College; M.A., Ph.D., Vanderbilt University

---

* *Part-time*
** *Leave of absence*

*Anita B. Tritt
Lecturer in Music 1971
B.A., Queens College

Cynthia H. Tyson
Professor of English, Vice President for Academic Affairs and Dean of the College 1969
B.A., M.A., Ph.D., University of Leeds (England)

*Elizabeth T. Walker
Assistant Professor of Physical Education 1973
B.S., Kansas State University; M.Ed., University of North Carolina at Chapel Hill

Sarah M. West
Assistant Professor of Business 1952
B.S., Winthrop College; M.R.E., Woman's Missionary Training School (Louisville)

*Betty Ruth Wilkerson
Lecturer in Religious Education 1978
B.A., St. Andrews Presbyterian College

*Ed Williams
Lecturer in Interdisciplinary Studies 1979
B.A., University of Mississippi; Nieman Fellow at Harvard

Billy O. Wireman
Professor of Management and Education and President of the College 1978
A.B., Georgetown College; M.A., University of Kentucky; Ed.D., Peabody College of Vanderbilt University; L.H.D., Eckerd College; L.H.D., University of Tampa; Post-Doctoral Study, Harvard University

Karen J. Zapata
Assistant Professor in Business 1978
B.A., B.S., University of North Carolina at Chapel Hill; Certified Public Accountant

* *Part-time*
** *Leave of absence*

Professors Emeriti

Ethel M. Abernethy
Professor Emeritus of Psychology
A.B., Duke University; M.A., Ph.D., University of Chicago; D.Sc., Queens College

Thelma Albright
Associate Professor Emeritus of English
A.B., Greensboro College; M.A., Duke University; L.H.D., Queens College

Charles E. Brewer, Jr.
Associate Professor Emeritus of Economics
A.B., Princeton University

Roberta T. S. Chalmers
Associate Professor Emeritus of English
A.B., D.Litt., Mount Holyoke College; M.A., Radcliffe College; B.Litt., Oxford University (England); D.Litt., Kenyon College

Sarah Irene Dunlap
Assistant Professor Emeritus of Home Economics
B.S., M.A., Winthrop College

Hughes B. Hoyle, Jr.
Professor Emeritus of Mathematics
A.B., M.A., Ph.D., University of North Carolina at Chapel Hill

Albert R. May
Professor Emeritus of Music (Voice)
Boston University of Music; Juilliard School of Music

Mildred Morse McEwen
Professor Emeritus of Chemistry
B.A., Queens College; A.B., M.A., Ph.D., University of North Carolina at Chapel Hill

Mildred L. Miscally
Assistant Professor Emeritus of Journalism
A.B., M.A., University of Georgia

Sarah McKee Nooe
Professor Emeritus of Biology
B.S., Meredith College; M.A., Columbia University

Caroline Gordon Richardson
Assistant Professor of Foreign Languages (French)
A.B., Winthrop College; M.A., University of South Carolina

George A. Shealy
Professor Emeritus of Art
Indiana University; Chicago Art Institute; Bell School of Art; Oxbow School of Painting

Mary Lee Taylor
Associate Professor Emeritus of Religion
A.B., Salem College; M.R.E., The Biblical Seminary, New York

Laura A. Tillett
Professor Emeritus of English
A.B., Duke University; M.A., Columbia University

Alumnae Association Officers, 1979-80

Mrs. C. V. Schrader, Jr.
(Ann Corbin Strickland)
President

Mrs. Edward L. Boyd
(Ellanor Fetner)
First Vice-President

Miss Mary L. Stevenson
Second Vice-President

Mrs. Dewitt P. Hodges
(Anne Porpst)
Secretary

Ms. Beverly Ann Altman
Annual Fund Chairman

Mrs. James B. Stegall
(Alys Martin)
President-Elect

General Information

Degrees Conferred 1979

Honorary

Sara B. Moseley
Doctor of Humanities

Bachelor of Music

Timothy Duncan Brown
Julia Sloan Fersner
cum laude
Elenora Lei Philips
magna cum laude
Donna Lynn Ross

Bachelor of Science

Isaac Warren Bryant, Jr.
Wanda Maynor Carter
Elizabeth Jane Hawfield
cum laude
Jill Saly Isaacson
magna cum laude
Sarah Elizabeth Sharpe
magna cum laude
Debarah Ann Wallace
Gloria Jean Williams

Bachelor of Arts

Elizabeth Monroe Aiken
Virginia Lee Allison
Mary Louise Alvarez
cum laude
Calli Sullivan Bailey
cum laude
Elisabeth Alice Beckum
Jennifer Lynn Blacksher
Karyn Blair Brantley
Sonya M. Brooks
magna cum laude
Rebecca Lynn Campbell
Vickie Lee Campbell
Sandra Patterson Cannady
Ellen Lynette Clark
Lois Amy Coffey
Caraleigh Colville
Ferry Luan Cox
Elaine Hinson Crusan
summa cum laude
Beverly Joyce Davis
Lula Benson Dickinson
Katherine Marcia Dunn
summa cum laude
Heidi Louise Edidin
Mary Cunningham Evans
Katherine Jones Flynn
magna cum laude
Susan Louise Forester
cum laude
Nancy Sheila Ghant
Rosemary Donetta Gladden
Janice Marshall Grey
Dianne Leslie Hood
cum laude
Barbara Earle Hunter
magna cum laude
Linda Ann Jennings
Carolyn Wehunt Kiser
Jeanne Marie Lark
Christine Kay Leimer
Kay Lincecum Lindemann
magna cum laude
Amy Louise Little
Martha Cary Lowrance
magna cum laude

Susan Lynn Luck
Betty Jane Aldridge Martin
Sharon Cecile Martin
Thomas William Moore, Jr.
Linda Jeanne Craven Newcomb
Barbara Buck Newman
Charlotte Walker Ocon
summa cum laude
Kathleen Dunlap Olmstead
summa cum laude
Sharron White Palermo
summa cum laude
*Laura Elizabeth Paschold
Roberta Dian Patric
Phyllis Lowe Petersen
Lynne Allen Quimby
**Carolyn Elizabeth Rainey
Brenda Friday Ramsey
magna cum laude
Catherine M. Reid
Mary Thompson Simmons
Carey Goodwin Tuck
Vicki Vankirk
Anne Fay Yudell

**With Honors thesis: La Espana de Garcia Lorca.*

***With Honors thesis El futuro, tan desierto como el pasado: La vida del mexicano ilegal.*

Bachelor of General Studies

Rose March Grubb
summa cum laude

Candidates for Degrees

Summer, 1979

Bachelor of Arts

Sandra Parks Edwards
Audrey Gay Rodgers
Ann Rae Starcher
Patricia White Vesano

Bachelor of Music

Teresa Vae Bradshaw
Jean Colgan Phillips

Honors and Awards

1978-79

Marshals

Margaret Gail Whittier
Chief Marshal
Emily Rose Elyea
Jane Bailey Graham
Miriam Elizabeth Hand
Peggy Gay Johnson
Cherie-Lynne MacLaughlin
Rita Louise Stone

Algernon Sydney Sullivan Awards, 1979

Susan Louise Forester
Carol Wohlford Mesrobian

Faculty Teaching Award, 1979

Clyda S. Rent

Presidential Scholars 1979-80

Susan Carol Baker
Laura Elizabeth Clarke
Bridget Babette Davis
Kelly Jean Gallant
Beth Marrene Hays
Susan Lay McConnell
Paula Ann Pearce
Nancy Rebecca Simpson
Cynthia Michelle Tise
Janna Michele Wasson

Dana Scholars

Class of 1979

Mary Louise Alvarez
Sonya Marcella Brooks
Ellen Lynette Clark
Katherine Marcia Dunn
Susan Louise Forester
Dianne Leslie Hood
Christine Kay Leimer
Kathleen Dunlap Olmstead
Roberta Dian Patric
Elenora Lei Phillips
Jeanie Colgan Phillips
Lynne Allen Quimby
Sarah Elizabeth Sharpe

Class of 1980

Celeste Elizabeth Allen
Tanya Lizette Broome
Catherine Hart Crumpler
Lori Gail Freytag
Elizabeth Anne Hames
Cynthia Alison Hare
Peggy Gay Johnson
Kathleen Julia O'Dea
Beryl Regina Pifer
Rita Louise Stone
Kathryn Louise Wayland
Margaret Gail Whittier

Class of 1981

Audra Frances Albright
Cheryl Lynn Allee
Kimberly Elaine Austin
Emily Rose Elyea
Jan Patrice Helms
Mary Louise Hunley
Morn Ellen Lindsay
Carolyn Gayle Mercer
Mary Catherine Mercer
Sarah Finley Norment
Karen Rhea Price
Debra Ann Seuntjens
Patricia Conrad Taylor
Amy Louise Vernberg

Carol G. Belk Scholars

Class of 1979

Ellen L. Clark
Christine K. Leimer

Class of 1980

Celeste E. Allen
Susan Denise Boerckel
Martha L. Evans
Katherine G. Fesperman
Martha Alice Glasscock
Cynthia A. Hare
Margaret G. Whittier

Class of 1981

Cheryl L. Allee
Emily R. Elyea
Elizabeth W. Glanton
Mary L. Jackson
Elizabeth L. McCrary
Carolyn G. Mercer
Mary C. Mercer
Deborah E. Springfield
Lynn E. Trueman
Myra L. Walker

Class of 1982

Cynthia A. Cline
Susan V. Dunn
Cynthia L. Kelly
Jane A. Moore
Kimberly A. Schrum

Named Scholarships

Scholarship funds have been established by friends of Queens College in honor of the following persons, groups, and businesses. Proceeds from these funds underwrite a portion of the college's grant program.

Robert C. and Sadie G. Anderson
Katherine Cramer Angell
Mrs. F. T. Appleby
Mr. and Mrs. William Barnhardt
The Belk Brothers
The Ann Everett Belk
Carol G. Belk
Mary Henry Belk, Memorial
The Dr. Andrew Blair, Memorial
Elizabeth Blair, Memorial
Dorothy Brown
Sara Doll Burgess
Samuel C. and Wilhelmina C. Byrd
Mr. and Mrs. Martin L. Cannon
Carolina Heritage Chapter ABWA
Sally McAlister Carson
Clara H. Carswell
Charlotte Business and Professional Women's Clubs
Charlotte-Mecklenburg Alumnae
Charlotte Music Club
The Charlotte Observer
The Charlotte Panhellenic Congress
Pattie Morris Cole
Ophelia Hartt Cranford
Katie Moore Rankin Cunningham
Mr. and Mrs. J. H. Cutter
Selene Hutchison Dalton
Dalton-Hutchison
Charles A. Dana

Day Student
Dorsett-Johnson
Eloise Butt Dowd
W. Carey Dowd, Jr.
Dr. and Mrs. R. A. Dunn
Efird Brothers
J. Lee Flowe and Addie Belk Flowe
The Frazer Foundation
Mr. and Mrs. Peter S. Gilchrist
The A. D. P. Gilmour
Jane Parks Grey
Jane Rea Grey
Lula Jane Grey
W. M. and Kate Cleveland Hagood
Harman Fund
Minnie Olive Harry, Memorial
Betty Hutchison
C. E. Hutchison
Susan Nye Hutchison
Mr. and Mrs. J. B. Ivey
Jerry Jernigan, Memorial
C. W. Johnston
Emma Lilian Keigwin
Herbert F. Kincey
B. F. Ledford, Piano
W. S. Lee, Memorial
The Lethco Memorial
E. H. Little
Lily Long (Alumnae)
Joe and Emily Lowe
W. T. McCoy, Memorial
Donald Drake McNeill
Emma Gold McPheeters
Ettie Aydlett Minor
Kathreen M. Minor
W. T. Minor, Sr.
Mrs. Ben W. Montgomery
Charles E. Neisler, Memorial
James and Betty Nisbet
Gertrude M. Norman
Mr. and Mrs. J. M. Oldham
Mr. and Mrs. David Ovens
Peachtree Presbyterian Church
Piedmont Club Foundation
Presser Foundation
Laura Janette Quattlebaum
Eloise Rankin
F. M. Redd and Bessie Flowe Redd
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Loma Squires
Worth Stewart
Charles H. and Clara McKay Stone
Mr. and Mrs. R. L. Stowe
W. Z. Stultz
J. D. Swinson
Isabella W. Trexler
Uffort-Northrop
May Ervin Wall

The Campus

Queens College is located on a large wooded campus in the Myers Park area of Charlotte and is bounded by Selwyn, Radcliffe, and Wellesley Avenues. The Georgian buildings constructed in 1914 when the college was moved to this site have been extensively remodeled and continue in use. Their architectural motif of red brick with white trim has been incorporated in the more modern buildings.

Burwell Hall, 1914, is the focal point of the campus facing Selwyn Avenue. The building, in addition to housing the administrative offices, has parlors which serve as a spacious reception area for guests and social events. Robert Burwell served as president of the Charlotte Female Institute from 1857 to 1872; and his wife, Margaret Anna Burwell, was teacher and principal.

Everett Library, 1960, is the center of the campus facing Radcliffe Avenue. It honors Herschell Hill Everett and his wife, Cornelia Nisbett Everett. An open stack facility with conference rooms, lounges, student and faculty carrels, and microfilm equipment, the library houses the present collection of 98,000 volumes. Additional information on the library is located on page 34.

Belk Chapel, 1950, was a gift made to Queens by the families and associates of William Henry Belk and Dr. John M. Belk, in their honor. Greek revival in architecture, it is equipped with a 39 rank organ, seats 750, and is used for weekly chapel and for other religious services and meetings.

The *E. H. Little Fine Arts Center*, 1966, contains the Suzanne Trezevant Little Recital Hall, the Charles A. Dana Auditorium, studios, practice rooms, and classrooms for music and drama. Convocations, concerts, recitals, plays, and lectures are scheduled in the auditorium, which seats 1,000. Major donors of this facility were E. H. Little and Charles A. Dana.

The *Dana Classroom Building*, 1961, honors Charles A. Dana, a generous benefactor of Queens College, and contains a large lecture hall, a language laboratory, classrooms, and seminar offices designed for small, informal classes.

The *Walker Science Building*, 1966, with its laboratories, classrooms, and research facilities for biology, chemistry, and physics, honors Dr. and Mrs. Edwin R. Walker. He was Queens' former president and chancellor.

McEwen Hall, 1914, was renovated in 1967, to provide 20 spacious classrooms and a number of faculty offices. It is named for Dr. Mildred Morse McEwen, alumna and professor emeritus of chemistry.

Watkins Hall, 1914, is named after Miss Mildred C. Watkins, member of the faculty from 1895 to 1909. It was remodeled in 1952 and again in 1978; it now houses the art department and exhibition galleries.

Morrison Hall, 1927, is named for its donor, Mrs. Cameron Morrison, and includes a large dining hall, kitchen, auxiliary rooms, dormitory space, and bookstore.

Jernigan Student Center, 1914, was completely renovated in 1963 and redecorated in 1976. It comprises the post office, snack shop, lounges, offices for student government and student publications. The Queens Career Center is housed on the second floor. Charlton Coney Jernigan was president of Queens from 1951-1953.

Ovens Physical Education Building, 1954, includes a large gymnasium, classrooms, a dance studio, and an Olympic-size swimming pool. David Ovens, business executive and merchant, was a Queens trustee and benefactor.

Carol Hall, 1957, was the gift of Irwin Belk, Queens trustee, and is named in honor of his wife, Carol Grotnes Belk.

The *William H. Barnhardt Center*, completed in 1965, honors Mr. and Mrs. William H. Barnhardt; Mr. Barnhardt was a member of the Board of Trustees. Three other buildings are named respectively for Dr. Elizabeth H. Blair, former dean of instruction; Mr. and Mrs. W. Z. Stultz, donors; and Miss Laura A. Tillett, professor emeritus of English. These buildings are used for administrative and instructional purposes.

The *Irwin-McKay Infirmary*, 1958, was the gift of Thomas M. Belk and his wife, Katherine McKay Belk, honoring Dr. John R. Irwin, Dr. Hamilton W. McKay, and Dr. Henderson Irwin. It provides 12 hospital bods, rooms for consultations and treatment, and quarters for resident nurses.

Long Residence Hall, 1914, is named for Miss Lily W. Long, who served the college for half a century and was herself president from 1891 to 1899. *Belk Residence*

Hall, 1954, honors the late Mrs. William Henry Belk, alumna, trustee, and benefactor; it was a gift to Queens from Mrs. Belk's sons and daughter. *Harris Residence Hall,* 1960, honors James J. Harris, vice-chairman of the Board of Trustees, and his wife, Angelia Morrison Harris. *Wallace Residence Hall,* 1962, honors Mr. and Mrs. J. M. Wallace and family. Mrs. Wallace was an alumna, and J. Mason Wallace, Jr., is a college trustee. *Albright Residence Hall,* 1964, is named in honor of Miss Thelma Albright, formerly dean of students, and a long time faculty member at Queens.

The campus also includes three duplex lodges for sororities, a power plant, and maintenance shops. Several college residences are adjacent to the campus.

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Queens College Map

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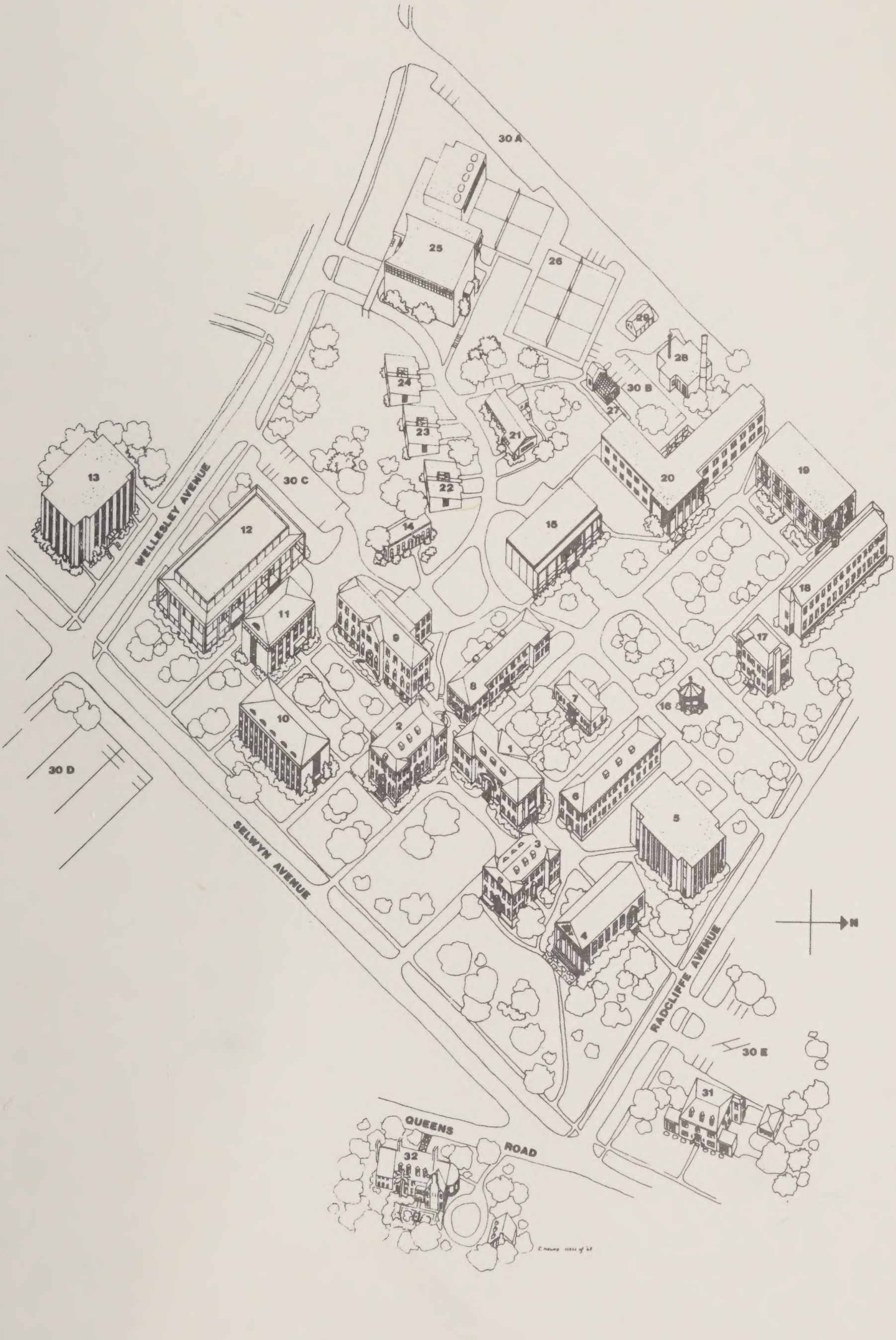
2. McEwen Classroom Building
3. Jernigan Student Center
   Queens Career Center
4. Belk Chapel
5. Albright Residence Hall
6. Long Residence Hall
7. Early Learning Center
8. Watkins Hall
9. Morrison (Dining Room, College Store, The Pit)
10. Walker Science Building
11. Dana Classroom Building
12. E. H. Little Fine Arts Center
13. Barnhardt Residence Hall
14. Maintenance
15. Everett Library
16. Chi Omega Arbour
17. Stultz Building
18. Belk Residence Hall
19. Wallace Residence Hall
20. Harris Residence Hall
21. Irwin-McKay Infirmary
22. The Web
    Chi Omega Lodge
23. Phi Mu Lodge
24. Alpha Delta Pi Lodge
    Kappa Delta Lodge
25. Ovens Physical Education Building
26. Tennis Courts
27. Green House
28. Heating Plant
29. Maintenance Shop
30. Parking Lots (A-E)
31. Mecklenburg Presbytery Office
32. Carol Hall


30 A
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WELLESLEY AVENUE
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SELWYN AVENUE
N
4
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